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**Subject Coverage**

Gale Group Computer Database covers the following computer-related topics:

- Business and Industry Applications
- Company Names and Information
- Computer Graphics
- Computer Systems and Equipment
- Consumer Information
- Database Management
- Electronics
- Financial Information on Computers
- Hardware Design, Development, Reviews
- Home Computers
- Interfaces
- Microprocessors
- Networks
- New Products
- Operating Systems
- Performance Evaluations
- Programming Languages
- Prototyping
- Secondary Platforms
- Software Design, Development, Reviews
- Telecommunications
- Word Processing

**Date Coverage**

1983–present

**Update Frequency**

Daily

**Geographic Coverage**

International

**Document Types**

Journal Articles

**Publisher**

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Citation < Back to results

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TI  
AU,AULN,AUFN  
PUB,YR,PG

Providing real-estate services through the integration of 3D laser scanning and building information modelling

Mahdjoubi, Lamine ; Moobela, Cletus ; Laing, Richard . **Computers in Industry** 64.9 (Dec 2013): 1272(10).

Indexing (details) Cite

BDE,SU

**Business subject**  
Architecture -- Analysis;  
Architecture -- Models;  
Optical scanners -- Analysis;  
Optical scanners -- Models;  
Computer aided design -- Analysis;  
Computer aided design -- Models;  
Real estate industry -- Analysis;  
Real estate industry -- Models;  
Scanning devices -- Analysis;  
Scanning devices -- Models;  
Computer-aided design -- Analysis;  
Computer-aided design -- Models;  
Analysis;  
Models

IF,SU

**Identifier (keyword)** Trade

NAICS

**NAICS classification**  
333314: Optical Instrument and Lens Manufacturing;  
53139: Other Activities Related to Real Estate

PRCC

**Product classification**  
3832524: Optical Scanners;  
6008000: Real Estate Services

SIC

**SIC classification**  
3577: Computer peripheral equipment, not elsewhere classified;  
6531: Real estate agents and managers

TI

**Title** Providing real-estate services through the integration of 3D laser scanning and building information modelling

AU,AUFN,AULN

**Author** Mahdjoubi, Lamine; Moobela, Cletus; Laing, Richard

PUB

**Publication title** Computers in Industry

VO

**Volume** 64

ISS

**Issue** 9

PG

**Pagination** 1272(10)

PD,YR

**Publication date** Dec 2013

PB

**Publisher** Elsevier B.V.

JSU

**Journal subject** Computers, High technology industry

ISSN

**ISSN** 0166-3615

JC

**Journal code** 3879

PSTYPE

**Source type** Magazine/Journal

LA

**Language of publication** English

DTYPE

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AN

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DCRE

**Date created** 2013-11-14

UD

**Updates** 2013-11-15

FAV

**First available** 2013-11-15

**Database** Gale Group Computer Database™ (1983 - current)

## SEARCH FIELDS

You can use field codes on the Basic Search, Advanced Search, and Command Line Search pages to limit searches to specific fields. The table below lists the field codes for this file.

Field Name	Field Code	Example	Description and Notes
Abstract	AB	ab(diagnostic imag*)	Use adjacency and/or Boolean operators to narrow search results.
Accession number	AN	an(297456235)	A unique document identification number assigned by Gale.
All fields (no full text)	ALL	all("building information modeling")	The search includes all fields <i>except</i> Document text (TX).
All fields + text	--	"building information modeling"	Includes all fields including the document text.
Author Author First Name Author Last name	AU AUFN AULN	au(moobela, cletus) aufn(cletus) auln(moobela)	Includes all Authors.
First author	FAU	fau(mahdjoubi, lamine)	First name listed in Author field.
Business subject	BDE	bde("architecture -- models")	
Classification	CC	cc("optical instrument*") cc(3333*)	Field code CC searches both the codes and the terms for SIC, NAICS, Event & Product classifications.
Advertising classification	ADC	adc(28: packaging) adc(legal/government regulation) adc(94: legal/government regulation)	Also searchable using field code CC.
Event classification <sup>1</sup>	EVT	evt(250: financial management)	Also searchable using field code CC.
NAICS <sup>1</sup>	NAICS	naics(333314: optical instrument and lens manufacturing)  naics(333314)	Also searched with field code CC.
Product classification <sup>1</sup>	PRCC	prcc(3832524: optical scanners)	Also searchable using field code CC.
US SIC	SIC	sic(3577)  sic(computer peripheral equipment)	Also searchable using field code CC.
Company/organization <sup>1</sup>	CO, COM	co(perceptron inc)	Also searched with field code ORG.
Date created	DCRE	dcre(2013-11-14)	The date on which the information provider created the record. Date range searching is supported.
Dateline	DLN	dln(oslo)	
Document ID			See Accession number.
Document text	TX	tx("high speed communication ICs")	
Document title	TI	ti("real-estate services" AND "3D laser scanning")	Includes title, alternate title, subtitle and original language of document title, if available.
Alternate title	OTI	oti("patient protection and affordable care act")	Includes Alternate title, Subtitle, and Original-language title if available.
Title only	TIO	tio(photometer)	Searches only the Title, not Alternate Title or Subtitle.
Document type	DTYPE	dtype(article)  dtype(interview)	
First available	FAV	fav(2013-11-15)	Indicates the first time a document was loaded in a specific database on PQD Professional. It will not change regardless of how many times the record is subsequently reloaded, as long as the accession number does not change.

<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
From database <sup>2</sup>	FDB	ti("bar code scan*") AND fdb(galecomputer)  ti("bar code scan*") AND fdb(1008682)	
Full text present	FTANY	("broadband infrared applications") AND ftany(yes)	Add: <i>AND FTANY(YES)</i> to a query to limit your search to articles with full text.
Identifier (Keyword)	IF	if(trade)	
ISSN	ISSN	issn(0166-3615)  issn(01663615)	
Issue	ISS	iss(9)	
Journal code	JC	jc(3879)	Assigned by the information provider identifying a specific source.
Journal title	JN	jn("computers in industry")	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(german)	
Lead paragraph	LP	lp(desktop 3d scanner)	Displayed in the Preview pane.
Location <sup>1</sup>	LOC, LO	loc(california) loc(france)	
Pagination	PG	pg(1272(10))  pg(A25(L))	
Person <sup>1</sup>	PER	per(casey)	
Publication date	PD	pd(20120724) pd(>20110415) pd(2010101 - 20110201)	Date range searching is supported.
Publication title <sup>1</sup>	PUB	pub.exact("computers in industry ")	
Publication year	YR	yr(2013) yr(2012-2014) yr(>2009)	Date range searching is supported. Displays as part of publication date.
Publisher	PB	pb("Elsevier b v")	
Source type	PSTYPE	pstype("magazine/journal")	PSTYPE searches IP-supplied values; STYPE searches PQ-normalised values.
Subject	SU	su(scanning devices LNK models)	SU field code search includes Gale subject indexing, target audience, journal subject, SIC and NAICS terms, location/geo terms. Subject Look up is more limited.
Ticker symbol	TKS	tk(prcp)	
Updated	UD	ud(2013-11-14)	The date(s) the record was loaded as a result of an update provided by the supplier.
Volume	VO	vo(64)	
Word count	WC	wc(>=1000)	

## LIMIT OPTIONS

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

<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.

## Full text

Short lists of choices are available for:

**Source type, Document type, Language**

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

## **BROWSE FIELDS**

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:

**Companies/organizations, People, Locations**

and additionally in the fields drop-down for:

**Publications, Event classifications, NAICS, Product classifications**

## **“NARROW RESULTS BY” LIMITERS**

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” limiters include:

**Full text, Source type, Publication title, Document type, Author, Subject, NAICS classification, Product classification, SIC classification, Company/organization, Location, Person, Language, 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, Page, Date, DOI**

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