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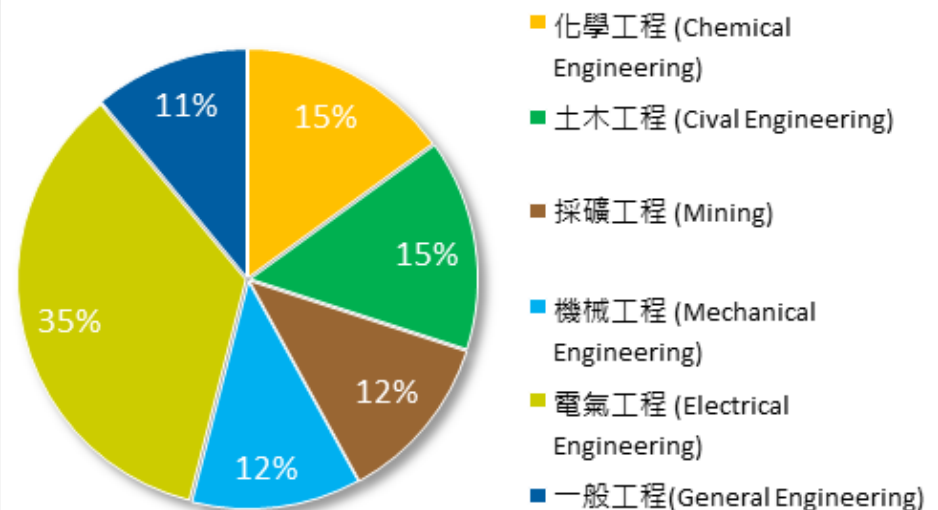
Engineering Village介面與收錄內容

- 由美國Elsevier Engineering Information Inc. 所出版，提供工程領域的資訊
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- 收錄年代：1969年至今
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- 資料量：超過 1700 萬筆，每年新增約 65 萬筆資料
- 包含 190 種工程領域學科，如：**化學工程**、**土木工程**、**礦業**、**機械工程**、**電子工程**、環境、結構、材料科學、固態物理學、超導體、生物工程學、能源、光學、空氣和水污染、固態廢棄物處理、道路運輸、運輸安全、應用工程、品質管理、工程管理等
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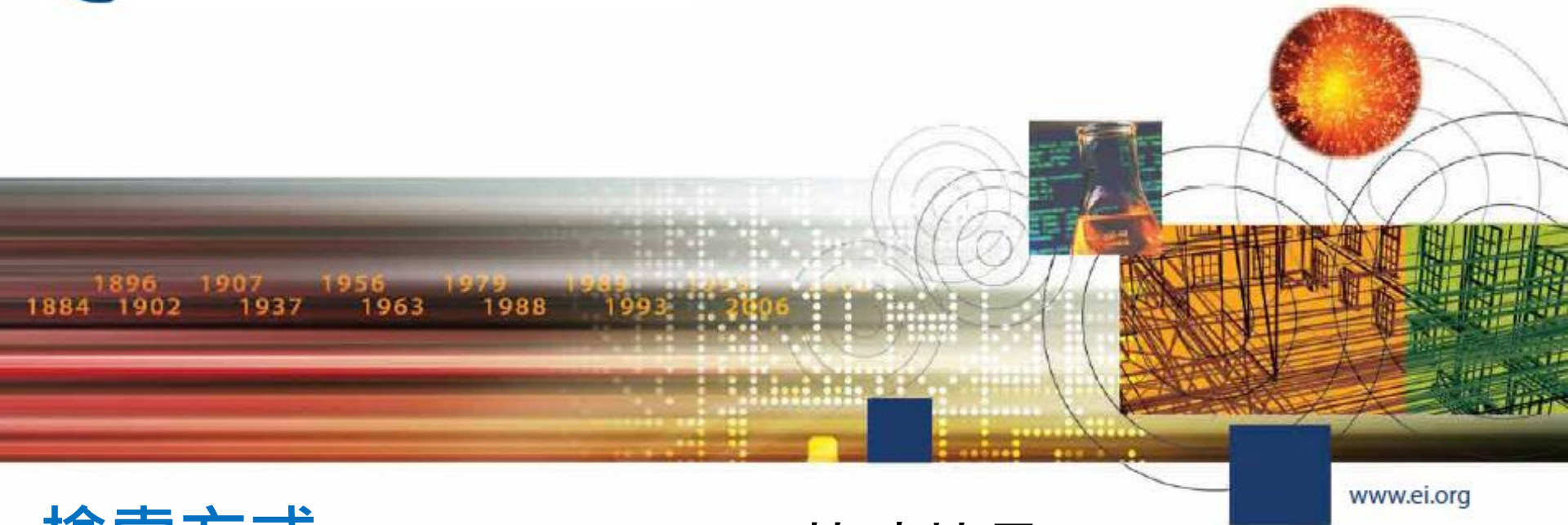
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3. 使用者思維：自然語彙 – Tag 標籤
4. 專業的專家檢索模式：可自行輸入搜尋語法



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 - computers**、
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 - computerization**
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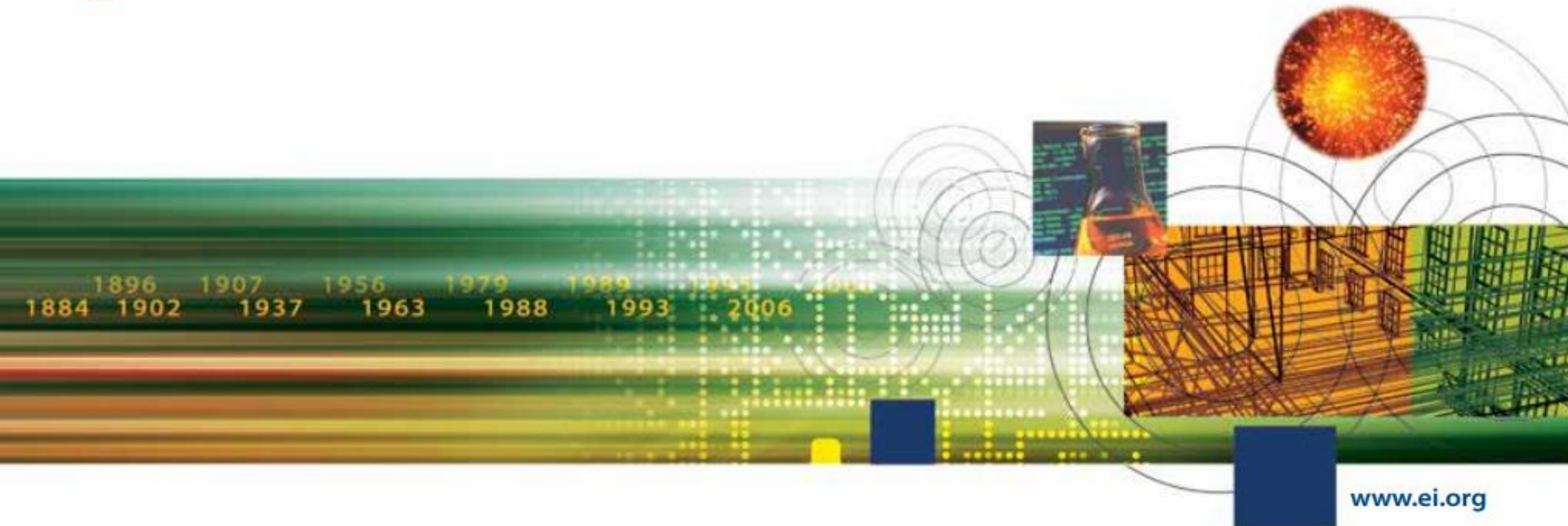


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James Huang



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☐ Other

(744,892)

Controlled vocabulary



☐ Artificial Intelligence

(233,863)

☐ Learning Systems

(60,081)

☐ Computer Science

(47,568)

1. ☐ Research and implementation of financial decision model based on artificial intelligence

Zhao, Desheng (Langfang Ploytechnic Institute, Hebei Langfang, China); Liu, Xiaoyu Source: *Agro Food Industry Hi-Tech*, v 28, n 3, p 2576-2579, May-June 2017

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- ☐ Computers (41,678)
- ☐ Neural Networks (40,197)

Document type

- ☐ Conference article
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- ☐ Conference proceeding (14,484)

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Zhao, Desheng (Langfang Ploytechnic Institute, Hebei Langfang, China); **Liu, Xiaoyu** Source: *Agro Food Industry Hi-Tech*, v 28, n 3, p 2576-2579, May-June 2017
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1. ☐ **Research and implementation of financial decision model based on artificial intelligence**
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Artificial intelligence techniques for small boats detection in radar clutter. Real data validation *(Open Access)*

del-Rey-Maestre, Nerea ¹ ; Moya, David ¹ ; Jarabo-Amores, María-Pilar ¹ ; Gomez-del-Hoyo, Pedro-Jose ¹ ; Barcena-Humanes, Jose ¹

Source: *Engineering Applications of Artificial Intelligence* 100 (2021) 10521976; DOI: 10.1016/j.engai.2021.10521976; ISSN: 0952-1976

Author affiliation: ¹ Department of Signal Theory and Communications, Superior Polytechnic School, University of Alcalá, 28805 Alcalá de Henares, Madrid, Spain

Abstract: **Artificial intelligence** techniques were applied for detecting small moving targets in maritime clutter. A constrained Generalized Likelihood Ratio (CGLR) approach based on the Neyman-Pearson (NP) in conjunction with a neural network training sets were designed for approximating the NP detector. The detection of small boats in Gaussian clutter was the defined case study in order to assume the design hypothesis of the conventional solutions and to study their performance under their most favourable conditions. Detection schemes were evaluated using real radar data. Neural solutions based on Second Order Neural Networks provide the best results, being able to approximate the CGLR with a significantly low computational cost compatible with real-time operations.
 © 2017 The Authors (43 refs)

Main heading: Tracking radar

Controlled terms: **Artificial intelligence** - Boats - Clutter (information theory) - Neural networks - Radar clutter - Radar signal processing

Uncontrolled terms: **Artificial intelligence** techniques - Composite hypothesis testing - Constant false alarm rate techniques - Generalized likelihood ratio - Neural network training - Radar detection - Real-data validation - Signal to interference ratio

Classification code: 674.1 Small Marine Craft - 716.1 Information Theory and Signal Processing - 716.2 Radar Systems and Equipment - 723.4 Artificial Intelligence

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 Li, Huiyong ; Li, Yongzhe ; He, Zishu (2013) *Eurasip Journal on Wireless Communications and Networking*
 Database: Compendex

Airborne Bistatic Radar Clutter Suppression Based on Sparse Bayesian Learning
 Lü, Xiaode ; Yang, Lingman ; Yue, Qi... (2018) *Dia Feedback* *Journal of Electronics and Information Technology*
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Abstract：文章內容摘要

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☐ **Artificial intelligence** techniques for small boats detection in radar clutter. Real data validation (Open Access)

Accession number: 20174504373485

Authors: del-Rey-Maestre, Nerea¹ ✉; Mata-Moya, David¹ ✉; Jarabo-Amores, María-Pilar¹ ✉; Gomez-del-Hoyo, Pedro-Jose¹ ✉; Barcena-Humanes, Jose-Luis¹ ✉

Author affiliation: ¹ Department of Signal Theory and Communications, Superior Polytechnic School, University of Alcalá, 28805 Alcalá de Henares, Madrid, Spain

Corresponding author: Mata-Moya, David (david.mata@uah.es)

Source title: Engineering Applications of Artificial Intelligence

Abbreviated source title: Eng Appl Artif Intell

Volume: 67

Issue date: January 2018

Publication Year: 2018

Pages: 296-308

Language: English

ISSN: 09521976

CODEN: EAAIE6

Document type: Journal article (JA)

Publisher: Elsevier Ltd

Abstract: Artificial intelligence techniques were applied for detecting small moving targets in maritime clutter environments. Neural detectors are considered to approximate the Neyman–Pearson (NP) in composite hypothesis testing problems. Sub-optimum approaches based on the Constrained Generalized Likelihood Ratio (CGLR) were analysed, and compared to conventional implementations based on Doppler filtering that are designed to filter clutter and improve the Signal-to-Interference Ratio, and Constant False Alarm Rate techniques. The CGLR performance was significantly better at the expense of a high computational cost. As a solution, neural network training sets were designed for approximating the NP detector. The detection of small boats in Gaussian clutter was the defined case study in order to assume the design hypothesis of the conventional solutions and to study their performance under their most favourable conditions. Detection schemes were evaluated using real radar data. Neural solutions based on

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del-Rey-Maestre, Nerea (Department of Signal Theory and Communications, Superior Polytechnic School, University of Alcalá, 28805 Alcalá de Henares, Madrid, Spain); **Mata-Moya, David**; **Jarabo-Amores, María-Pilar**; **Gomez-del-Hoyo, Pedro-Jose**;

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p 1-260, **1994**
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Carretero-Moya, J.; **Gismero-Menoyo, J.**; **Asensio-Lopez, A.**; **del Campo, A.B.**
IEEE Trans. Aerosp. Electron. Syst., v 47, n 3, p 1880-1898, **2011**
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p 100-103, **2011**

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Accession number: 20174504373485

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Journals

MIMO radar clutter mitigation based on joint beamforming and joint domain localized processing
Li, Huiyong ; Li, Yongzhe ; He, Zishu (2013) *Eurasip Journal on Wireless Communications and Networking*
Database: Compendex

Airborne Bistatic Radar Clutter Suppression Based on Sparse Bayesian Learning
Lü, Xiaode ; Yang, Jingmao ; Yue, Qi ; Zh... (2018) *Dianzi Yu Xinxi Xuebao/Journal of Electronics and Information Technology*
Database: Compendex

Local degrees of freedom for airborne array radar clutter for SIAP
Zenghui, Zhang ; Wenchong, Xie ; Weid... (2009) *IEEE Geoscience and Remote Sensing Letters*
Database: Compendex

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Standards

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Tools in Scopus

This article has been cited **0 times** in Scopus since 1996.

Author details:

del-Rey-Maestre, N

文獻加值內容：PlumX Metrics



此功能可以瞭解此篇文章自發表後持續被使用與關注的情形，即時掌握文章被使用情形，並觀測網路上的各種意見，以促進更多的學術交流與互動。

PlumX Metrics提供5大指標：

1. **使用(Usage)**: 蒐集自資料庫點擊、下載、瀏覽、影片播放次數等
2. **擷取(Captures)**: 蒐集自Mendeley、Goodreads等，被加入書籤、我的最愛、Readers等
3. **社群媒體(Social Networks)**: 蒐集自FaceBook、Google+、Reddit等按讚、分享、轉推等
4. **引用(Citations)**: 蒐集自PubMed Central、Scopus、PMC Europe、USPTO等資料庫被引用情形
5. **提及(Mentions)**: 蒐集自部落格文章、評論、留言、維基百科等

文獻加值內容：PlumX Metrics



Artificial intelligence techniques for driving safety and vehicle crash prediction

Citation data: Artificial Intelligence Review, ISSN: 0269-2821, Vol: 46, Issue: 3, Page: 351-387

Publication Year: 2016

Explore PlumX Metrics

What are PlumX Metrics? How can they help tell the story about this research? How can I use them?

[Learn more](#)

USAGE ^	570	CAPTURES ^	55	SOCIAL MEDIA ^	2	CITATIONS ^	5
Abstract Views ^	391	Readers ^	47	Shares, Likes & Comments ^	2	Citation Indexes ^	5
EBSCO	391	Mendeley	40	Facebook	2	Scopus	5
Link-outs ^	146	Mendeley	6			CrossRef	2
EBSCO	146	Mendeley	1				
Full Text Views ^	33	Exports-Saves ^	8				
EBSCO	33	EBSCO	8				

ARTICLE SUMMARY

DOI:

10.1007/s10462-016-9467-9

AUTHOR(S):

Zahid Halim; Rizwana Kalsoom; Shariq Bashir; Ghulam Abbas

PUBLISHER(S):

Springer Nature

TAGS:

ARTICLE DESCRIPTION

Accident prediction is one of the most critical aspects of road safety, whereby an accident can be predicted before it actually occurs and precautionary measures taken to avoid it. For this purpose, accident prediction models are popular in road safety analysis. Artificial intelligence (AI) is used in many real world applications, especially where outcomes and data are not same all the

點按Detail可查看各指標詳細資訊，包含各種來源及詳細次數，下方亦有此article的簡易資訊

結果中再檢索



Refine Result 結果再檢索

1,190,993 records found in Compendex & Inspec for 1884-2020: (((artificial intelligence) WN ALL))

1 of 47,640 pages >

[Create alert](#)[Save search](#)[Share search](#)[RSS feed](#)

Sort by: Relevance



Refine



Remove duplicates ?

By physical property

Filter results by physical properties such as size, temperature, pressure and many more ↗.

By category

Download all ⬇ ⬆

Limit to

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Add a term

Access type



☐ Open Access

(29,116)

☐ Other

(1,161,877)

Controlled vocabulary



☐ Artificial Intelligence

(265,079)

☐ Learning (Artificial Intelligence)

(226,515)

☒ Learning Systems

(63,922)

☐ Data Mining

(54,574)

☐ Neural Nets

(50,154)

[View more >](#)

Document type



☐ Conference article

(892,621)

☐ Journal article

(261,188)



Display: 25



results per page



1. Research Progress and Application of Computer Artificial Intelligence Technology

Jin Wei (Northwestern Polytech. Univ. Ming De Coll., Xi'an, China) Source: MATEC Web of Conferences, v 176, p 01043 (5 pp.), 2018
Database: Inspec
Document type: Conference article (CA)
Detailed Show preview Full text ↗



2. Artificial Intelligence and Modern Home Design

Jialu Song; Yifei Li Source: MATEC Web of Conferences, v 227, p 02004 (5 pp.), 2018
Database: Inspec
Document type: Conference article (CA)
Detailed Show preview Full text ↗



3. Brain intelligence: go beyond artificial intelligence

Huimin Lu (Kyushu Inst. of Technol., Kita Applications, v 23, n 2, p 368-75, April 2018)
Database: Inspec
Document type: Journal article (JA)
Detailed Show preview Cited by



4. Discussion About Artificial Intelligence

Xiaofei Teng (High Sch. Affiliated, Renmin Database: Inspec
Document type: Conference article (CA)
Detailed Show preview Full text ↗



5. The Uncertain Future of Artificial Intelligence


Dasoriya, R. (Dept. of Comput. Eng., SVKM's NMIMS Mukesh Patel Sch. of Technol. Manage. & Eng., Mumbai, India); Rajpopat, J.; Jamar, R.; Maurya, M. Source: 2018 8th International Conference on Cloud Computing, Data Science & Engineering (Confluence), p 458-61, 2018
Database: Inspec
Document type: Conference article (CA)
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Feedback

- 在Refine Results檢索結果中:可依作者、作者所屬機構、國家、文獻種類等類別進階篩選:可Include或是Exclude一個或多個標目
- 在Refine Results中可結合超過一個以上的分析項目,透過每筆標目前的勾選框勾選要結合的記錄

結果頁面 - 1

By category

Download all  

Limit to

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Access type

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☐ Artificial Intelligence

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☐ Learning (Artificial Intelligence)

(213,515)

☐ Learning Systems

(1,161,877)

☐ Data Mining

(1,161,877)

☐ Neural Nets

(1,161,877)

View more >

Document type

☐ Conference article

(892,621)

☐ Journal article

(261,188)

Author

☐ Wang, Wei

(675)

☐ Liu, Yang

(537)

☐ Wang, Lei

(501)

☐ Li, Li

(493)

☐ Zhang, Lei

(486)

View more >

Author affiliation

☐ Microsoft Research

(2,466)

☐ Carnegie Mellon University

(1,684)

☐ University of California

(1,663)

☐ University of Illinois

(1,346)

☐ University of Michigan

(1,298)

View more >

Classification code



Country



Language



Year



Source title



Publisher



Database



Limit to

Exclude

New search with facets



限縮面版提供12種欄位進行篩選，亦提供每一欄位進行圖表顯示及匯出功能

輸入關鍵字開啟新的搜尋

結果頁面 - 1

Author

☐ Wang, Wei☐ Liu, Yang☐ Wang, Lei☐ Li, Li☐ Zhang, Lei

Author affiliations

☐ Microsoft☐ Carnegie
University☐ University☐ Agh Univ
Technol.,☐ Czestoch
Technol.,

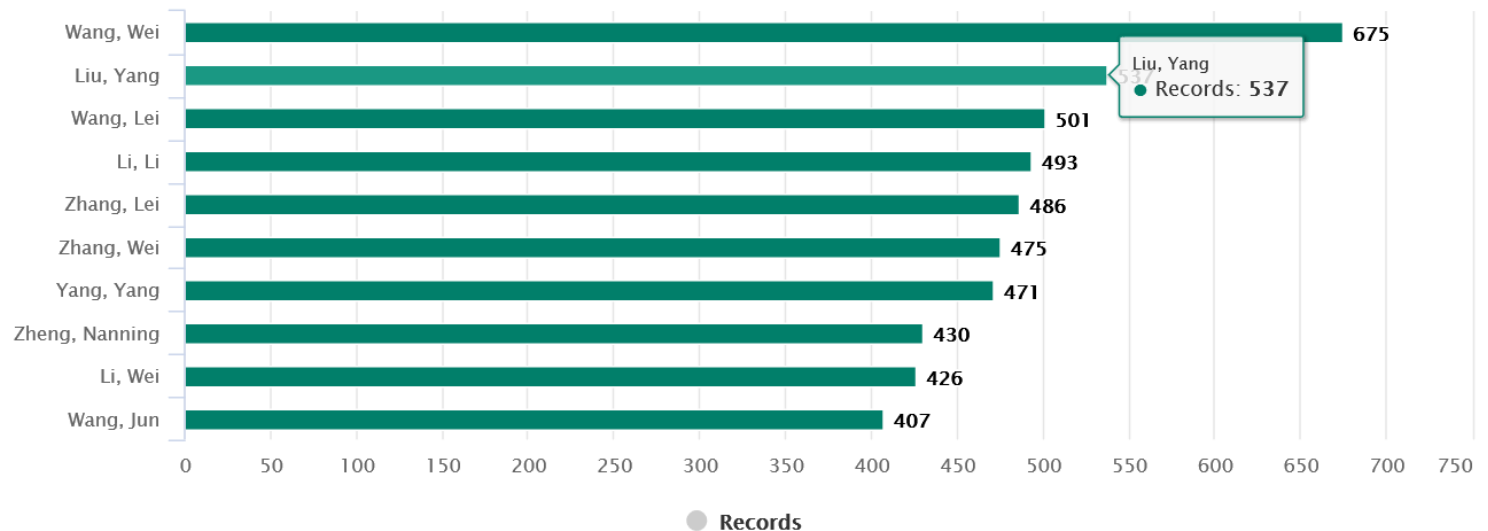
(675)

Author

以作者為例，透過欄位圖表顯示，可更了解在該主題下，作者發文量的多寡及比較

Search: (((artificial intelligence) WN ALL))

Click to limit your results



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View: 10 Max

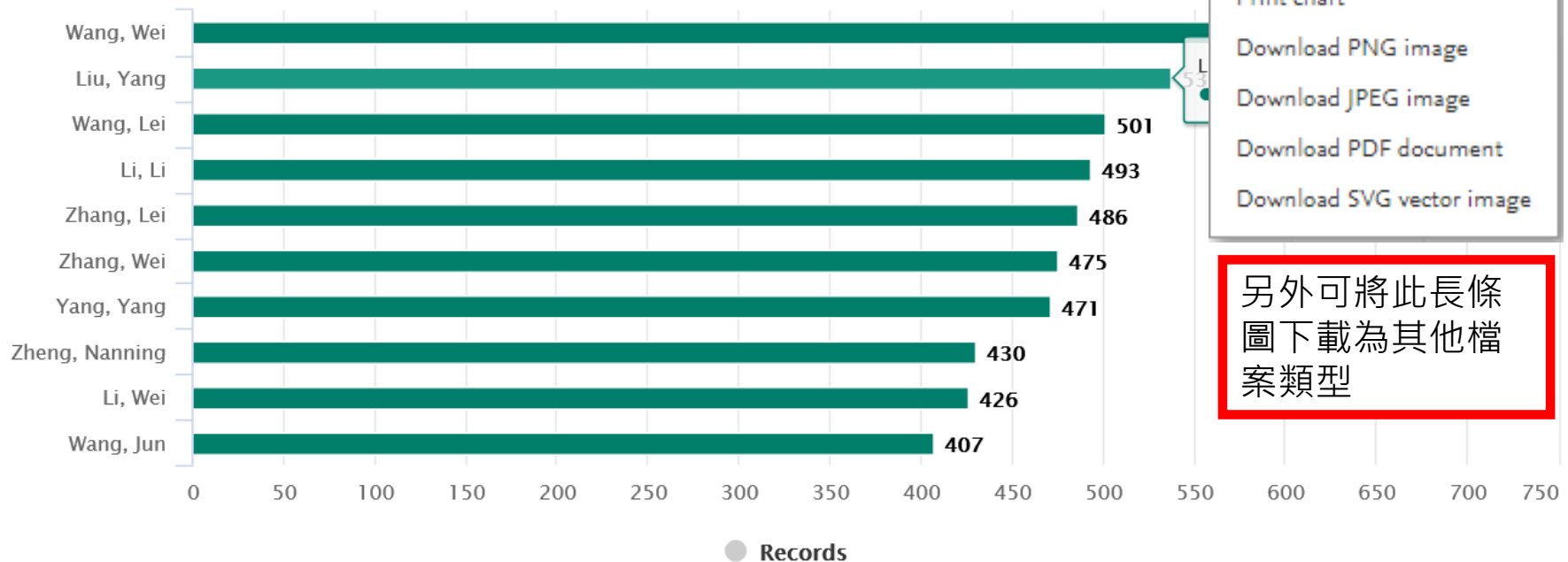
結果頁面 - 1

Author   

Search: (((artificial

Click to limit your results

上方功能亦可直接進行下載(csv檔)，可透過Excel另外製作個人化圖表



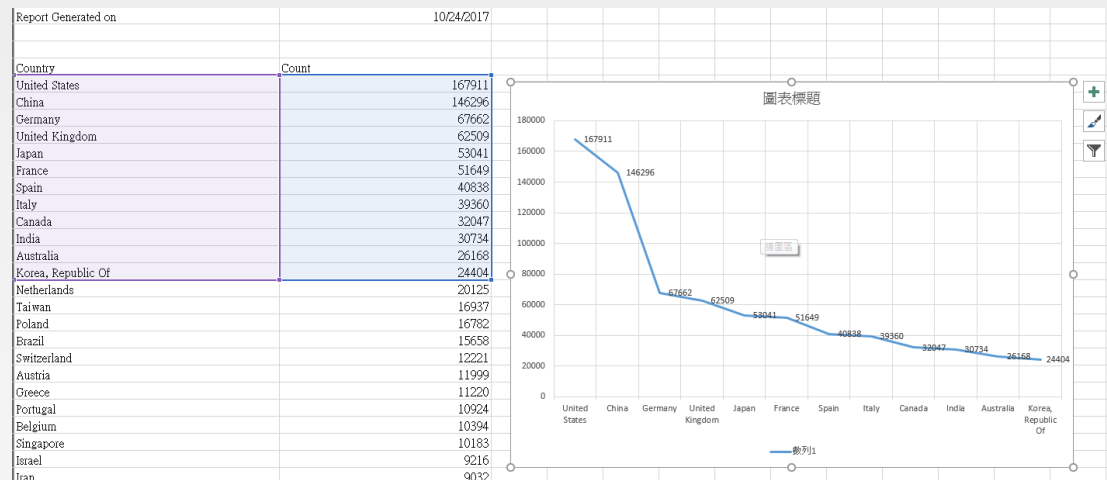
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Refine Results Graphs & Export

- 點選  圖示可以讓您將圖表輸出成CSV檔案

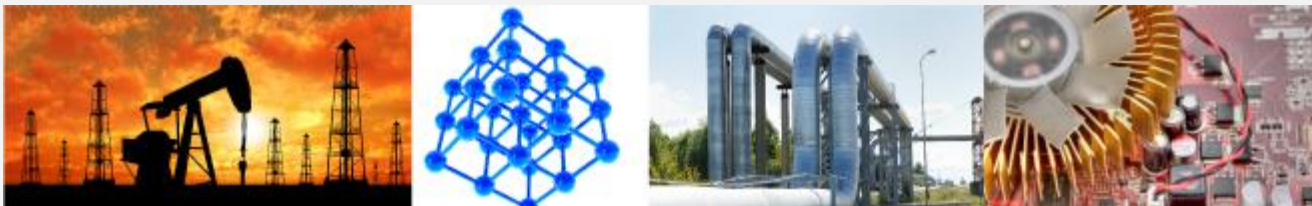
- 您也可以將輸出的檔案以 **Excel** 軟體開啟分析管理



Tag (標籤) 的功能

- 使用者可對任何的資料指定其關鍵字 (標籤)
- 使用者可透過標籤執行檢索
- 使用者可選擇將自己的標籤對其他人公開
 - 所有的EV使用者
 - 個人所屬機構中的使用者
 - 只在個人所屬的研究團隊
 - 只限個人使用，不對其他人公開

注意，此為個人化功能，需註冊及登錄後才能使用。



Tag 文章

Record

Record 5 from Inspec for: ((Artificial Intelligence) WN All fields) , 1884-2018



Search term color

< 5 of 988931 >

< Back to results

Full text



Abstract

Detailed

☐ Artificial intelligence research in the second half century

Nishida, T. ¹

Source: *Journal of Information Processing and Management*, v 55, n 7, 461-71, Oct. 2012; **Language:** Japanese; **ISSN:** 0021-7298; **DOI:** 10.1241/johokanri.55.461; **Publisher:** Japan Science and Technology Corp., Japan

Author affiliation : ¹ Grad. Sch. of Inf., Kyoto Univ., Kyoto, Japan

Abstract: Artificial intelligence research has almost completed its first stage from 1950's to today and now is proceeding to the second stage. In order to discuss the features of artificial intelligence research in the second stage, I first overview the flow of artificial intelligence research in the past and point out that the prominent contributions were a large scale search, knowledge-based system, language-speech-image processing, planning, machine learning and data mining, and amalgam of artificial intelligence and art. Then, I argue that our future target should be not just implementing high-level problem solving, but also designing communicative intelligence that will induce the user's deep empathy for integrating the human intelligence and artificial intelligence to create the intelligent future world. (14 refs.)

Add a tag ⓘ

Public



Public

Private

My Institution

Top graphene

Add

- Public = 所有 Engineering Village 使用者都可看到此標籤
- Private = 只有 “我” 可看到此標籤 (建議使用)
- My Institution= 只有來自同一所屬機構的使用者可看到此標籤
- Top graphene = 自定分享群組

Treatment: Theoretical or Mathematical (THK)

Tag 透過標籤檢索可提升效果



Engineering Village

Search ▾ Results ▾¹² Alerts⁰ Selected records¹ Bulletins More ▾ ? ▾ 卐 ▾ JH

Tags & Groups

Browse tags

Search tags

View/Edit groups

Rename/Delete tags

Display: Public ▾

1 Ad Hoc networks Arabidopsis thaliana assessment BUPT cad
properties Electronic cooling Electronics cooling ESJP Failu
Informatics information literacy Information Visualization Lea
Ni Chen Noise sources Numerical modeling Oil Spills Paper
Photonic crystals Power Quality Room temperature Sea Surface Temperature SST Sensor networks Silicon photonics Soil properties Standard deviation Stars Structural
elements Suction Support Vector Machine SVM Support Vector Machines Support Vector Machines SVM survey paper tag clouds tagging Temperature sensors Thermal
aging Thermal management Thermal protection systems Triaxial tests Unsaturated Soils Volume rendering Water content Water management Web Services
Wireless Sensor Networks

Folders

Tags & groups

Interactive equations

n: Alphabetical ▾

- 使用者可自行指定 “任何” 有意義的關鍵字做為標籤
- 使用者也可以編輯標籤

- 使用者的標籤可成為新的搜尋關鍵字
- 檢視 “標籤雲” 大小：可依照其字母順序、受歡迎程度或新穎程度排序



Engineering

Tag 團隊間的分享

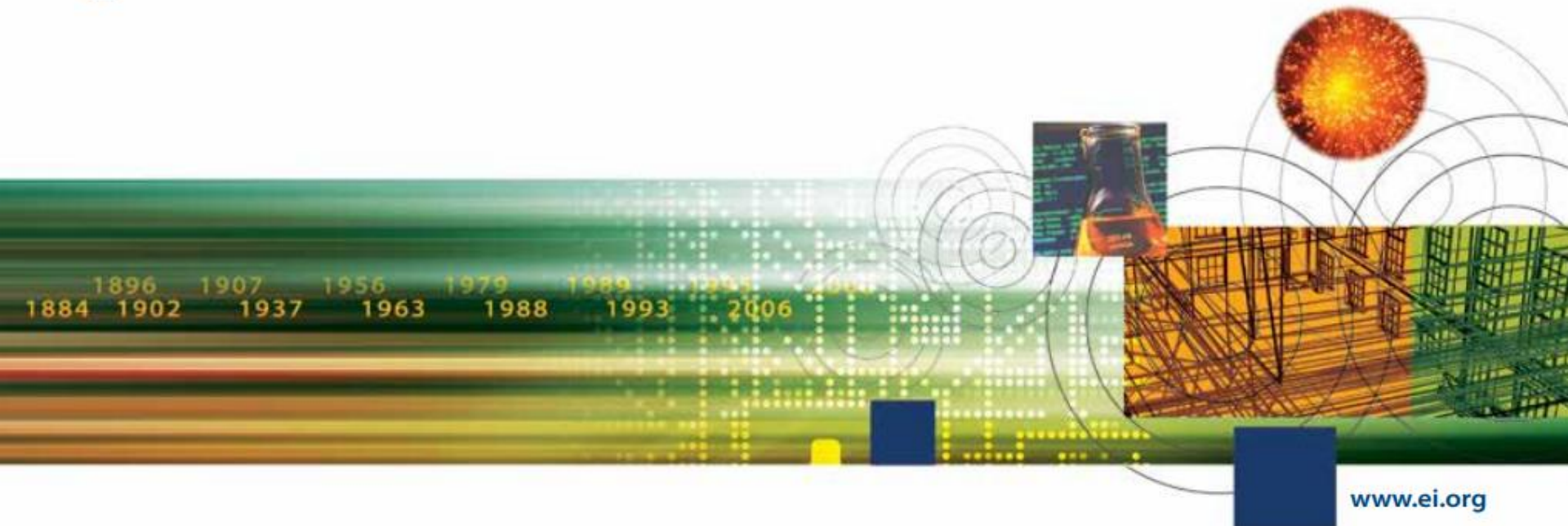
View/Edit groups

[Browse tags](#)[Search tags](#)[View/Edit groups](#)[Rename/Delete tags](#)[Create new group](#)

Name	Date	Description	Members	Tags	Actions
Top graphene	Oct 26, 2016 上午8:34:35		James Huang		 

- 可為研究團隊、合作者、友人建立特定分組
- 所有標籤資料將只為分組成員所用
- 分組成員可看到所屬團隊的所有標籤
- 可選擇透過電子郵件將新增的標籤資料分享給分組成員

Expert Search - 專家搜尋



Expert Search – 專家搜尋



Expert Search – 專家檢索

輸入檢索辭彙和檢索欄位代碼

Expert search

Search for:

Eg.:smith wn AU and ("autonomous navigation" or radar)*



Reset form

檢索代碼

Databases ▾

Date ▾

Sort by ▾

Autostemming ▾

Search codes ^

Browse indexes ▾

Database

Code = Field

Code = Field

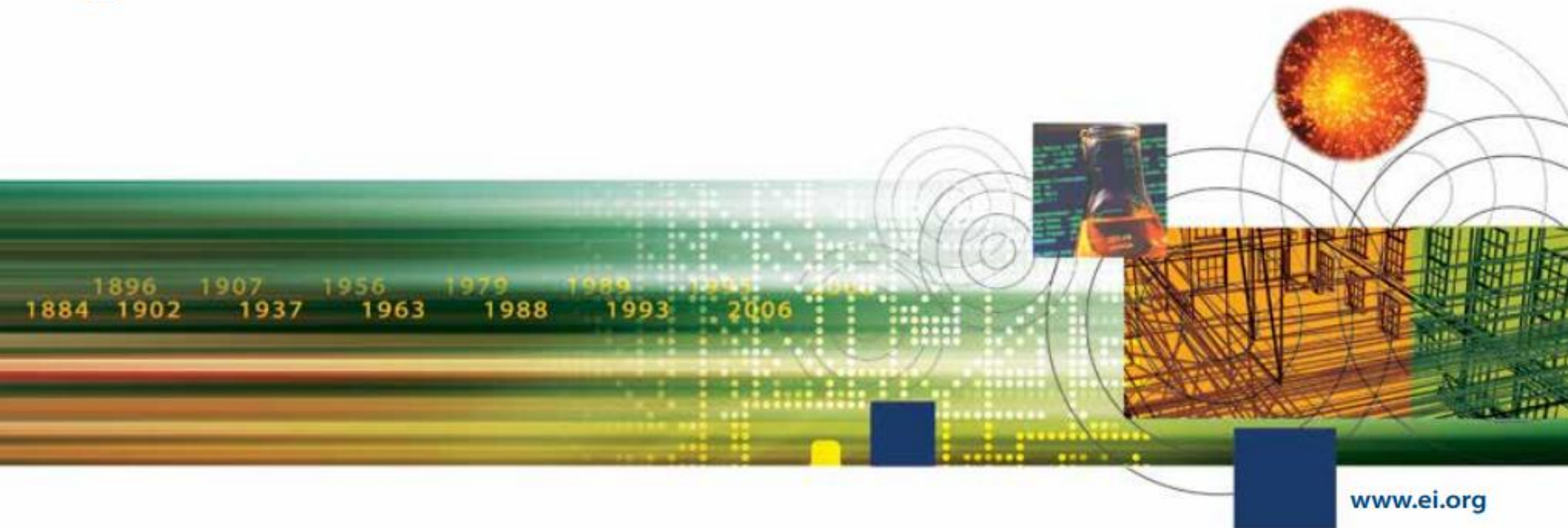
c = Compendex
i = Inspec

AB = Abstract (c,i)
AN = Accession number (c,i)
AF = Affiliation/Assignee (c,i)
ALL = All fields (c,i)
AI = Astronomical indexing (i)
AU = Author/Inventor (c,i)
CI = Chemical indexing (i)
CL = Classification code (c,i)
CN = CODEN (c,i)

BN = ISBN (c,i)
SN = ISSN (c,i)
SU = Issue (c,i)
LA = Language (c,i)
MI = Material identity number (i)
NU = [see Numerical Data Codes](#) (c,i)
NI = Numerical indexing (i)
OC = Original classification code (i)
PA = Patent application date (c)

Codes displayed will depend on your current database selection

Thesaurus Search - 索引典搜尋



Thesaurus Search – 索引典搜尋



THESAURUS索引典

為Engineering Village 最引以傲的功能

一般口語表達用詞為**自然語言**，但每人對詞彙認知與用法有所差異，學術文獻的用字措辭更是嚴謹，需避免自然語言混淆不清或模稜兩可用法。

透過專家編寫的**索引典(Thesaurus)**，將自然語言分類重組為「**廣義詞**」、「**狹義詞**」、「**相關詞**」。對同一概念採用固定的詞彙表達，以達到控制詞彙目的，清楚呈現整個主題概念的結構，進而提高檢索的精確度。

THESAURUS索引典

•Broader
Term
廣義詞



•Related
Term
相關詞



•Narrow
Term
狹義詞



Climatology
氣候

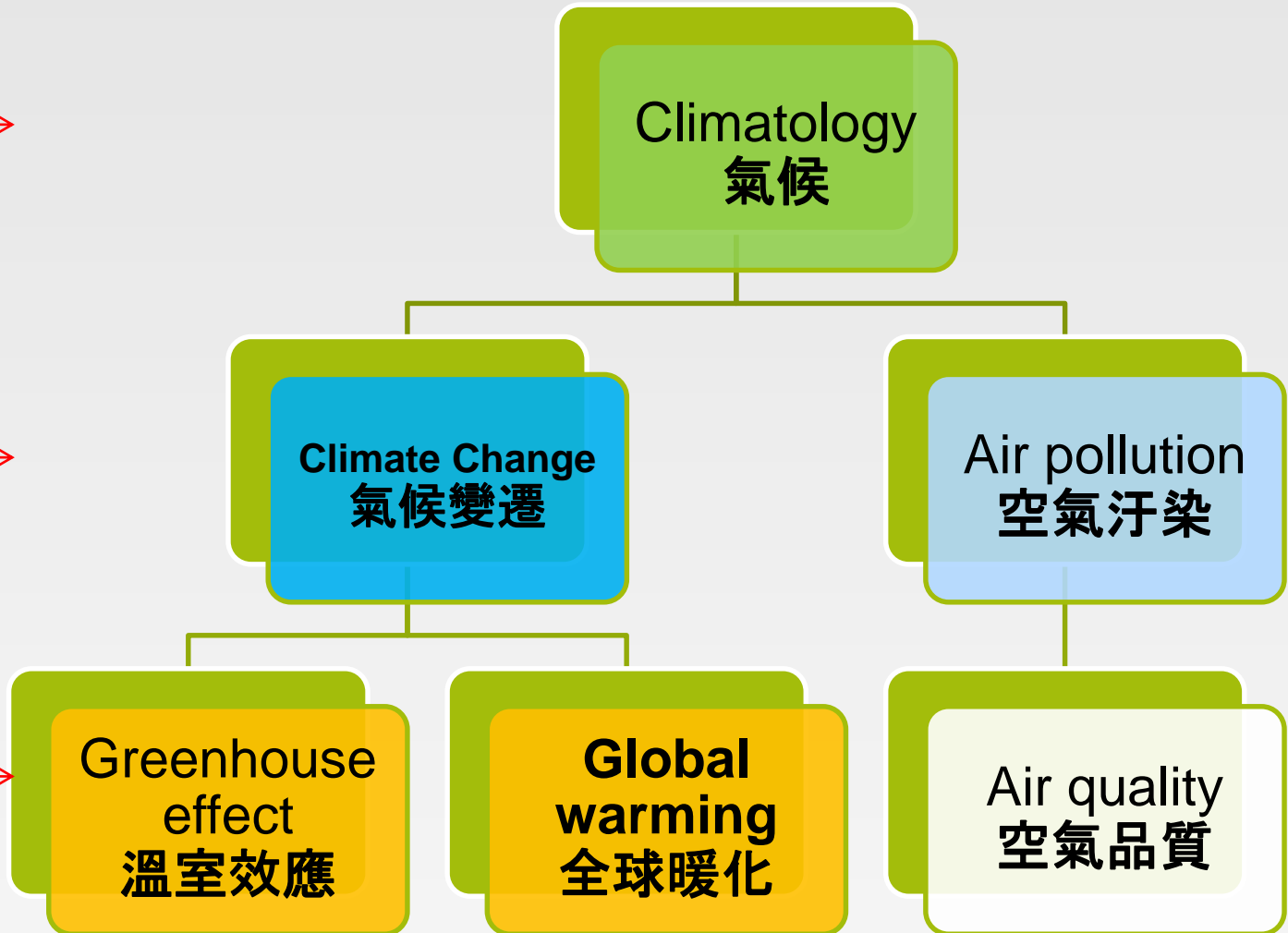
Climate Change
氣候變遷

Air pollution
空氣汙染

Greenhouse
effect
溫室效應

Global
warming
全球暖化

Air quality
空氣品質

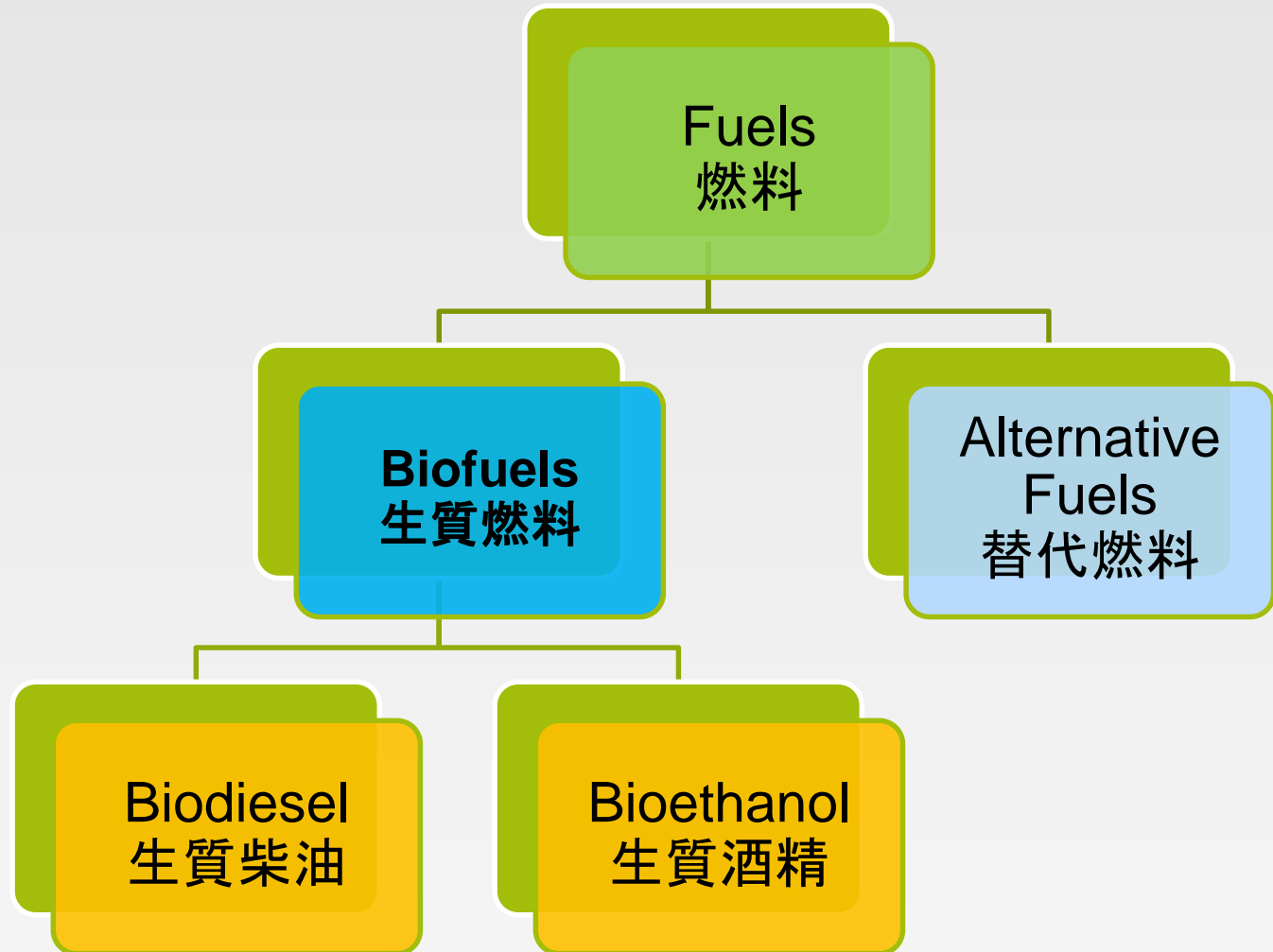


THESAURUS索引典

•Broader
Term
廣益詞

•Related
Term
相關詞

•Narrow
Term
狹義詞



THESAURUS索引典



Engineering Village

Search ▾ Results ▾¹² Alerts⁰ Selected records¹ Bulletins More ▾ ? ▾ 卐 ▾ JH

Thesaurus search:

Browse



for radiati

Database:



Compendex



Inspec



GeoRef

Quick

Expert

Thesaurus

Author

Affiliation

Engineering School Profile

可利用索引典：自動衍生工程專用同義詞彙

Browse term results ^

radiation

Term

- ☐ Radial flow turbomachinery
- ☐ Radial tires
- ☐ Radiant heating
- ☐ Radiation
- Radiation (heat)*

Term

- Radiation accidents*
- ☐ Radiation belts
- ☐ Radiation chemistry
- ☐ Radiation counters
- ☐ Radiation damage

Select term by using the checkboxes or find additional terms by clicking on the term...

☐ AND
☒ OR

Reset form



Date ▾ Document type ▾ Language ▾ Discipline ▾ Treatment ▾ Sort by ▾

Feedback

利用Browse檢索索引典，可查看文字符合索引典字典的關鍵詞

THESAURUS索引典



Engineering Village

Search ▾

Results ▾ ¹²Alerts ⁰Selected records ¹

Bulletins

More ▾

? ▾

Library ▾

JH

Thesaurus search

Vocabulary search ▾



for radiation

Search index 🔍

Database:



Compendex



Inspec



GeoRef



GEOBASE



EnCompass

156 matching terms ^

radiation

1 of 16 >

Term

- ☐ Accelerator shielding
- ☐ Aircraft--Radiation hazards*
- ☐ Antenna radiation
- Antenna radiation patterns*
- ☐ Antennas

Term

- ☐ Antennas--Radiation*
- ☐ Atmospheric radiation
- ☐ Atmospheric thermodynamics
- Biological effects of radiation*
- ☐ Biological radiation effects

Selected term(s) >

Select term by using the checkboxes or find additional terms by clicking on the term...



AND



OR

Reset form



Date ▾

Document type ▾

Language ▾

Discipline ▾

Treatment ▾

Sort by ▾

Feedback 💬

利用Vocabulary檢索關鍵字，可查索引典字典有關連的關鍵詞

THESAURUS索引典



Engineering Village

Search ▾

Results ▾ ¹²Alerts ⁰Selected records ¹

Bulletins

More ▾

? ▾

Library ▾

JH

Thesaurus search

Exact term ▾



for radiation

Search index 🔍

Database:



Compendex



Inspec



GeoRef



GEOBASE



EnCompass

Exact term results ^

Radiation

☐ Radiation

Broader terms

☐ Physics

Related terms

- ☐ Irradiation
- ☐ Radiation hazards
- ☒ Radiation protection
- ☐ Radiation shielding
- ☐ Radioactivity
- ☐ Radioactivity measurement
- ☐ Radiogenic gases
- ☐ Radionuclide

Narrower terms

- ☐ Cosmic rays
- ☒ Electromagnetic waves
- ☐ Ionizing radiation
- ☐ Radiation effects
- ☐ Radiation flux density
- ☐ Radiative transfer
- ☐ Solar radiation

Selected term(s) >

Radiation protection ×

Electromagnetic waves ×

☐ AND☒ OR

利用Exact term檢索關鍵字，可查索引典字典有廣義、狹義、關聯的關鍵詞

索引典檢索：Thesaurus (Exact Term)



Engineering Village

Search ▾

Results ▾ ¹²Alerts ⁰Selected records ¹

Bulletins

More ▾

? ▾



Thesaurus search: Exact term ▾

for radiation

Search index 🔍

Database: ☒ Compendex ☐ Inspec ☐ GeoRef ☐ GEOBASE ☐ EnCompass

Exact term results ^

radiation

☐ Radiation 📄

Broader terms

☐ Physics

Related terms

- ☐ Irradiation
- ☐ Radiation hazards
- ☒ Radiation protection
- ☐ Radiation shielding
- ☐ Radioactivity
- ☐ Radioactivity measurement
- ☐ Radiogenic gases
- ☐ Radiolysis

Narrower terms

- ☐ Cosmic rays
- ☒ Electromagnetic waves
- ☐ Ionizing radiation
- ☐ Radiation effects
- ☐ Radiation flux density
- ☐ Radiative transfer
- ☐ Solar radiation

Selected term(s) >

Radiation protection ✕

Electromagnetic waves ✕

☐ AND
☒ OR

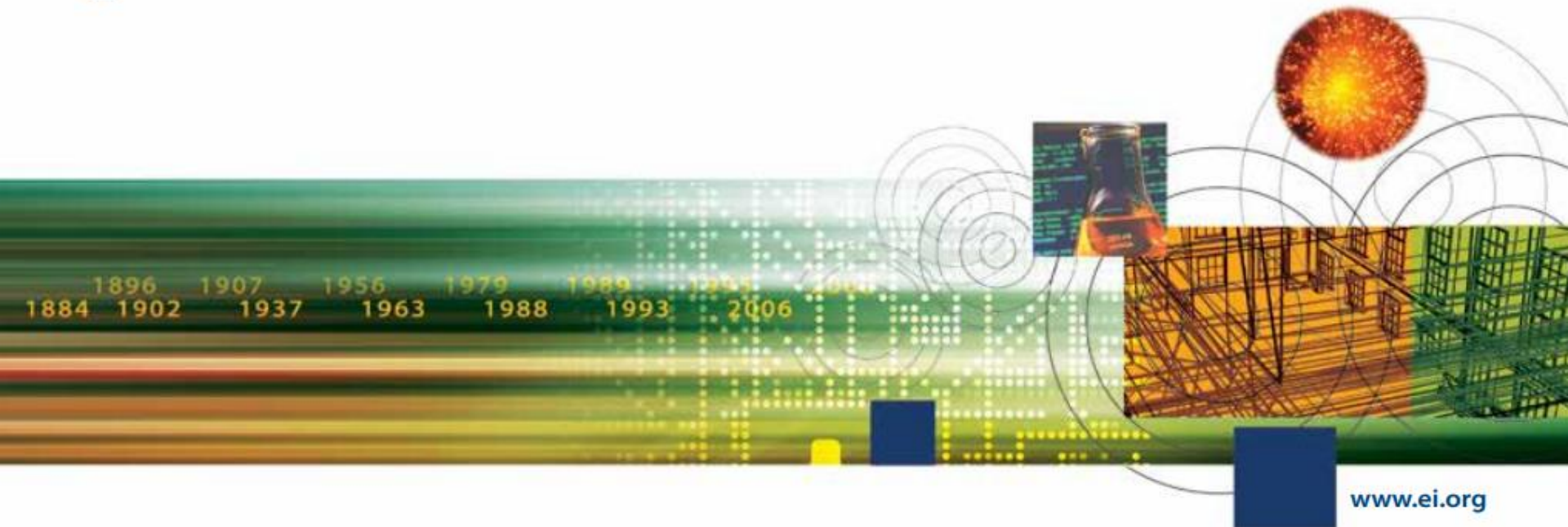
Reset form



Feedback 💬

開啟上下位或相關詞彙& 自動組合多個詞彙以利合併檢索

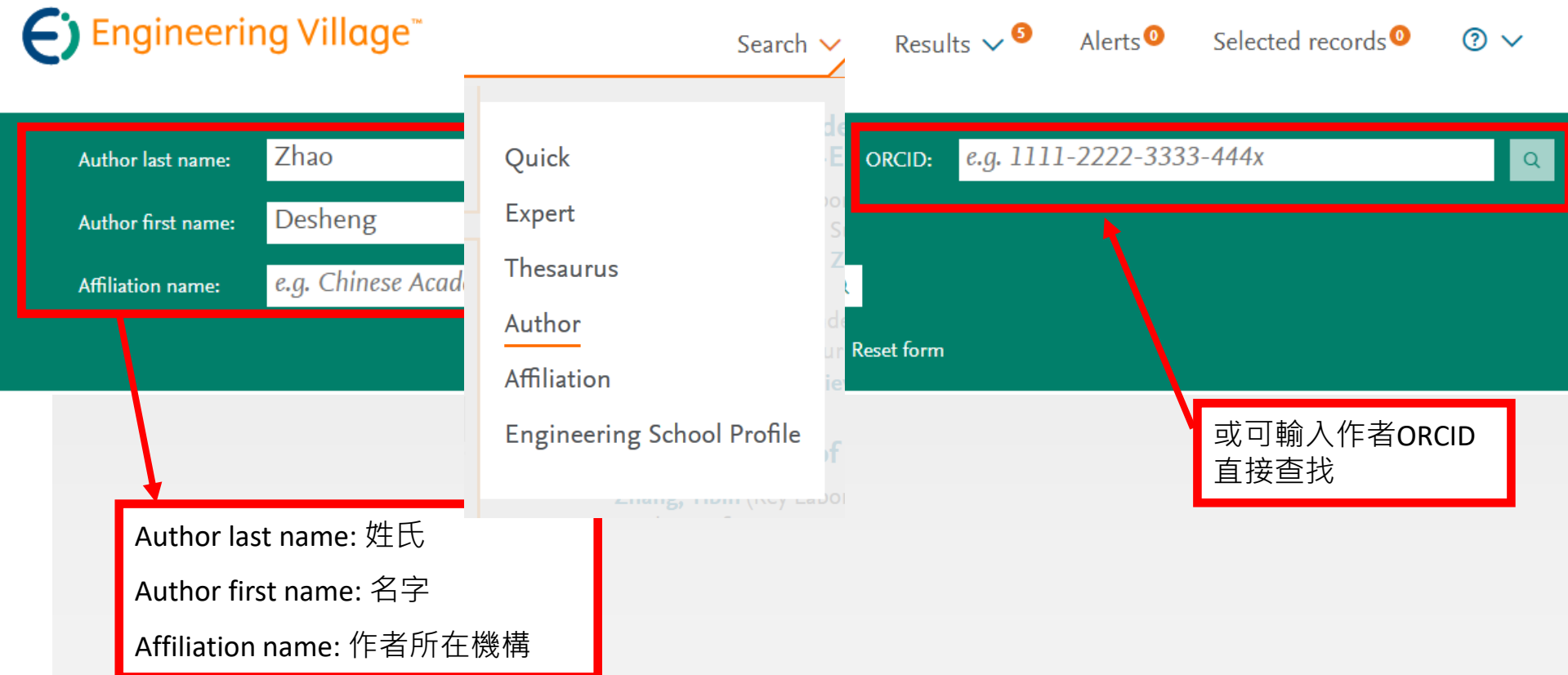
Thesaurus Search - 索引典搜尋



Author Search – 作者搜尋



Author Search – 作者檢索(直接查詢作者所著文章)



The screenshot shows the Engineering Village Author Search interface. The top navigation bar includes the Engineering Village logo, a search bar, and links for Results (5), Alerts (0), and Selected records (0). The main search area is divided into two sections. The left section contains three input fields: 'Author last name' with the value 'Zhao', 'Author first name' with the value 'Desheng', and 'Affiliation name' with the value 'e.g. Chinese Acad'. The right section contains an 'ORCID' input field with the value 'e.g. 1111-2222-3333-444x' and a search button. A dropdown menu is open in the center, listing search options: Quick, Expert, Thesaurus, Author (selected), Affiliation, and Engineering School Profile. A 'Reset form' button is located below the ORCID field. Three red arrows point from the input fields to their respective Chinese labels in a box at the bottom left. Another red arrow points from the ORCID field to its Chinese label in a box at the bottom right.

Author last name: Zhao

Author first name: Desheng

Affiliation name: e.g. Chinese Acad

ORCID: e.g. 1111-2222-3333-444x

Quick

Expert

Thesaurus

Author

Affiliation

Engineering School Profile

Reset form

Author last name: 姓氏

Author first name: 名字

Affiliation name: 作者所在機構

或可輸入作者ORCID
直接查找

Author Search – 作者檢索(查詢作者所著文章)

8 author results in Compendex for Last name: "Zhao", First name: "Desheng"

1 of 1 pages

Display: 25 results per page

Sort by: Count (DESC)

Refine	Name	Subject area	Affiliation name	City	Country
By category Limit to Exclude	1. Zhao, Desheng Zhao, D. S. View 9 records	Materials Science; Engineering; Physics and Astronomy;	Chinese Academy of Sciences	Beijing	China
Source Title <input type="checkbox"/> 2014 11th China International Forum On Solid State Lighting Sslchina 2014 (1) <input type="checkbox"/> Acta Biomaterialia (1) <input type="checkbox"/> Acta Chimica Sinica (1) <input type="checkbox"/> Agro Food Industry Hi Tech (1) <input type="checkbox"/> Biochemical And Biophysical Research Communications (1) View more >	2. Zhao, Desheng Zhao, D. S. Zhao, D. Zhao, De Sheng View 3 records	Environmental Science; Immunology and Microbiology; Pharmacology, Toxicology and Pharmaceutics; ...	Anhui Medical University	Hefei	China
Country <input type="checkbox"/> China (6) <input type="checkbox"/> Finland (2)	3. Zhao, Desheng Zhao, De Sheng View 2 records	Computer Science; Physics and Astronomy; Engineering;	Xi'an Institute of Posts and Telecommunications	Xi'an	China
City	4. Zhao, Desheng Zhao, D. S. View 2 records				
	5. Zhao, Desheng	Materials Science; Biochemistry, Genetics and	Tsinghua University		China

因可能有同名同姓的作者或作者於不同機構著作之文章，因此條列結果會呈現所有清單，可再依其領域、機構等分類確認欲查詢作者之文章後，再點擊View Records

Author Search – 作者檢索(查詢作者所著文章)

9 records found in Compendex for 1884-2018: 16445206100 WN auid

1 of 1 pages

Alert Save RSS Author results

Sort by: Date (Newest)



Display: 25 results per page



Refine <<

Numeric filter ?

By category Download all ^

Limit to

Exclude

Add a term

Document type ^

☐ Journal article (8)

☐ Conference article (1)

Controlled vocabulary ^

☐ Light Emitting Diodes (6)

☐ Iii-V Semiconductors (5)

☐ Gallium Nitride (3)

☐ Aluminum Gallium Nitride (2)

☐ High Electron Mobility Transistors (2)



1. ☐ Analysis and Modeling of Thermal-Electric Coupling Effect of High-Power Monolithically Integrated Light-Emitting Diode

Zhang, Yibin (Key Laboratory of Nanodevices and Applications, Suzhou Institute of Nano-Tech and Nano-Bionics, Chinese Academy of Sciences, Suzhou; 215123, China); Ding, Mingdi; Zhao, Desheng; Huang, Hongjuan; Huang, Longjie; Lin, Yunzhen; Bian, Difei; Zhang, Baoshun; Cai, Yong
Source: *IEEE Transactions on Electron Devices*, v 65, n 2, p 564-571, February 2018

Database: Compendex

Document type: Journal article (JA)

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2. ☐ Demonstration of wafer-level white light emitting diode with 92,000 lm luminous flux

Zhang, Yibin (Key Laboratory of Nanodevices and Applications, Suzhou Institute of Nano-tech and Nano-bionics, Chinese Academy of Sciences, 398 Ruo Shui Road, Suzhou Industrial Park; Suzhou; 215123, China); Xu, Jianwei; Zhao, Desheng; Huang, Hongjuan; Ding, Mingdi; Miao, Zhenlin; Wang, Yanming; He, Peng; Zhang, Baoshun; Cai, Yong Source: *Physica Status Solidi (C) Current Topics in Solid State Physics*, v 14, n 8, August 2017

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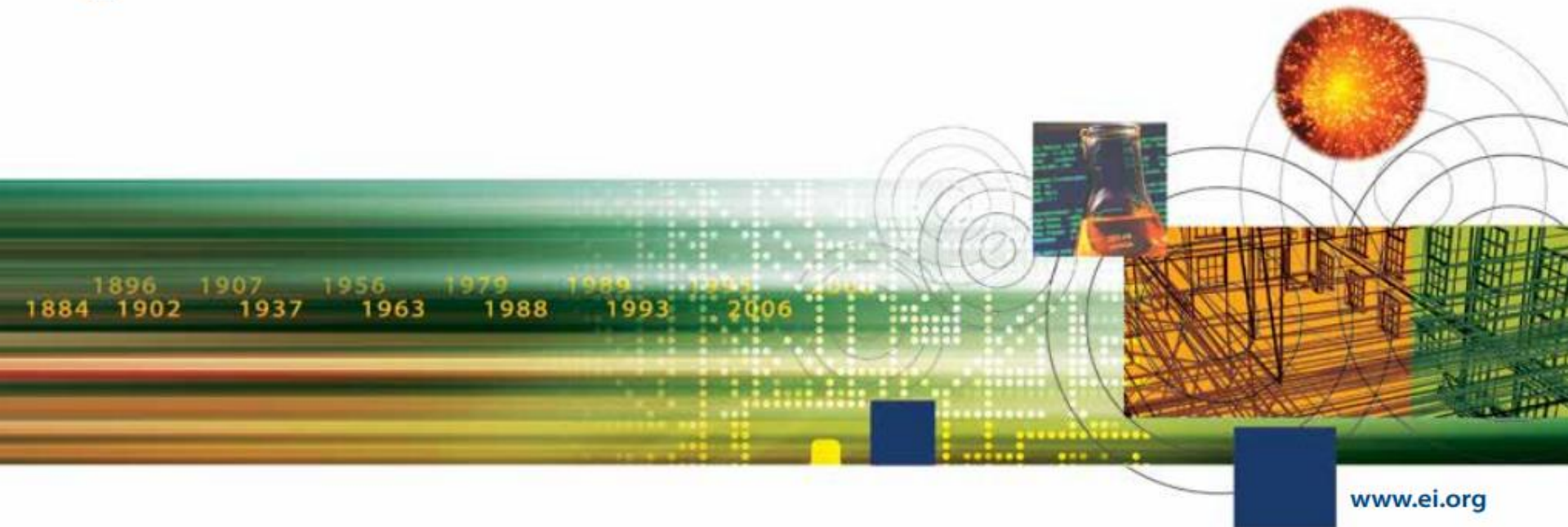
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3. ☐ Demonstration of wafer-level white light emitting diode with 92,000 lm luminous flux

Zhang, Yibin (Key Laboratory of Nanodevices and Applications, Suzhou Institute of Nano-tech and Nano-bionics, Chinese Academy of Sciences, 398 Ruo Shui Road, Suzhou Industrial Park; Suzhou; 215123, China); Xu, Jianwei; Zhao, Desheng; Huang, Hongjuan; Ding, Mingdi; Miao, Zhenlin; Wang, Yanming; He, Peng; Zhang, Baoshun; Cai, Yong Source: *Physica Status Solidi (C) Current Topics in Solid State Physics*, v 14, n 8, August 2017

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- ☐ Other (41,757)

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- ☐ Article in Press (106)
- ☐ Book chapter (98)
- ☐ Erratum (47)

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1. ☐ Nonlinear fuzzy collaborative forecasting methods

Chen, Tin-Chih Toly (Department of Industrial Engineering and Management, National Chiao Tung University, Hsinchu, Taiwan); **Honda, Katsuhiro** **Source:** *SpringerBriefs in Applied Sciences and Technology*, p 27-44, 2020

Database: Compendex

Document type: Book chapter (CH)

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2. ☐ GLR: A graph-based latent representation model for successive POI recommendation

Lu, Yi-Shu (Department of Computer Science, College of Computer Science, National Chiao Tung University, Hsinchu, Taiwan); **Huang, Jiun-Long** **Source:** *Future Generation Computer Systems*, v 102, p 230-244, January 2020

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3. ☐ Application of universal design for design improvement of hangers

Liu, Peng-Jyun (Department of Creative Product Design, Asia University, Lioufeng Road, Wufeng, Taichung; 41354, Taiwan); **Wang, Ching-yi; Hsieh, Yi-Chun; Su, Lin-Chu** **Source:** *Advances in Intelligent Systems and Computing*, v 972, p 424-436, 2020, *Advances in Usability and User Experience - Proceedings of the AHFE 2020*

Conferences on Usability and User Experience, and Human Factors and Assistive Technology

Database: Compendex

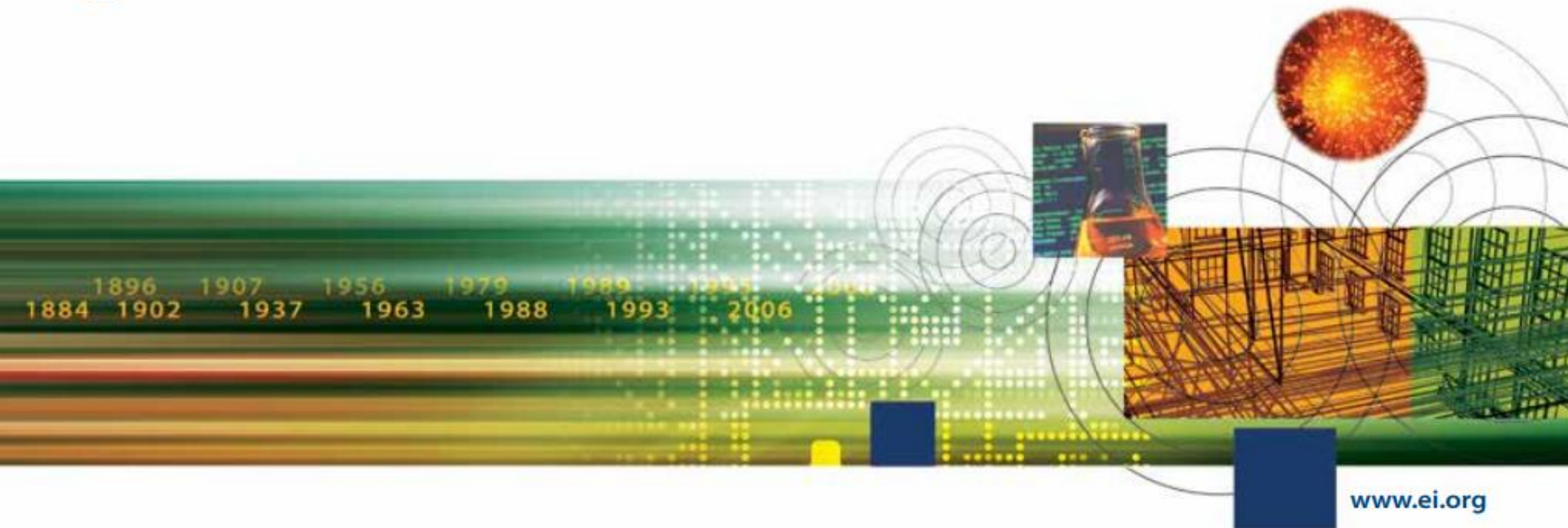
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4. ☐ Linear fuzzy collaborative forecasting methods

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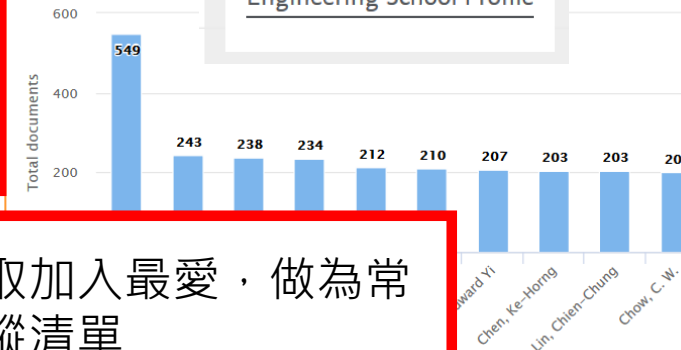
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- Light Emitting Diodes
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Abstract

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☐ **Artificial intelligence** research in the second half centuryNishida, T. ¹

Source: *Journal of Information Processing and Management*, v 55, n 7, 461-71, Oct. 2012; **Language:** Japanese; **ISSN:** 0021-7298; **DOI:** 10.1241/johokanri.55.461; **Publisher:** Japan Science and Technology Corp., Japan

Author affiliation : ¹ Grad. Sch. of Inf., Kyoto Univ., Kyoto, Japan

Abstract: **Artificial intelligence** research has almost completed its first stage from 1950's to today and now is proceeding to the second stage. In order to discuss the features of **artificial intelligence** research in the second stage, I first overview the flow of **artificial intelligence** research in the past and point out that the prominent contributions were a large scale search, knowledge-based system, language-speech-image processing, planning, machine learning and data mining, and amalgam of **artificial intelligence** and art. Then, I argue that our future target should be not just implementing high-level problem solving, but also designing communicative **intelligence** that will induce the user's deep empathy for integrating the human society and computational **intelligence** to augment the society of natural and **artificial** minds. (14 refs)


Inspec controlled terms: **artificial intelligence**

Uncontrolled terms: **artificial intelligence** research - second half century - prominent contributions - knowledge-based system - large scale search - language speech image processing - machine learning - data mining - human society - computational **intelligence** - **artificial** minds - natural minds

Classification code: C1230 Artificial intelligence

Treatment: Theoretical or Mathematical (THR)

Database: Inspec

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Abstract

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☐ Artificial intelligence research in

Nishida, T.¹

Source: *Journal of Information Processing and Management*, Japanese; ISSN: 0021-7298; DOI: 10.1241/johokanri.55.461; Publisher: Japan Science and Technology Corp., Japan

Author affiliation: ¹ Grad. Sch. of Inf., Kyoto Univ.

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Inspec controlled terms: artificial intelligence

Uncontrolled terms: artificial intelligence research - knowledge-based system - large scale search - learning - data mining - human society - communication

Classification code: C1230 Artificial intelligence

Treatment: Theoretical or Mathematical (THR)

Database: Inspec

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1. Artificial intelligence research in the second half century

Nishida, T.¹ Source: *Journal of Information Processing and Management*, v 55, n 7, 461-71, Oct. 2012; Language: Japanese; ISSN: 0021-7298; DOI: 10.1241/johokanri.55.461; Publisher: Japan Science and Technology Corp., Japan

Author affiliation:

¹Grad. Sch. of Inf., Kyoto Univ., Kyoto, Japan

Abstract: Artificial intelligence research has almost completed its first stage from 1950's to today and now is proceeding to the second stage. In order to discuss the features of artificial intelligence research in the second stage, I first overview the flow of artificial intelligence research in the past and point out that the prominent contributions were a large scale search, knowledge-based system, language-speech-image processing, planning, machine learning and data mining, and amalgam of artificial intelligence and art. Then, I argue that our future target should be not just implementing high-level problem solving, but also designing communicative intelligence that will induce the user's deep empathy for integrating the human society and computational intelligence to augment the society of natural and artificial minds. (14 refs.)

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☐ Artificial intelligence research

Nishida, T.¹

Source: *Journal of Information Processing*
Japanese; ISSN: 0021-7298; DOI: 10.1109/JIP.1998.700000
Corp., Japan

Author affiliation : ¹ Grad. Sch. of Inf.,

Abstract: Artificial intelligence research is proceeding to the second stage. In the second stage, I first overview the flow of prominent contributions were a large scale processing, planning, machine learning. Then, I argue that our future target should be designing communicative intelligence society and computational intelligence.

Inspec controlled terms: artificial intelligence

Uncontrolled terms: artificial intelligence knowledge-based system - large scale learning - data mining - human society

Classification code: C1230 Artificial intelligence

Treatment: Theoretical or Mathematical (Theory)

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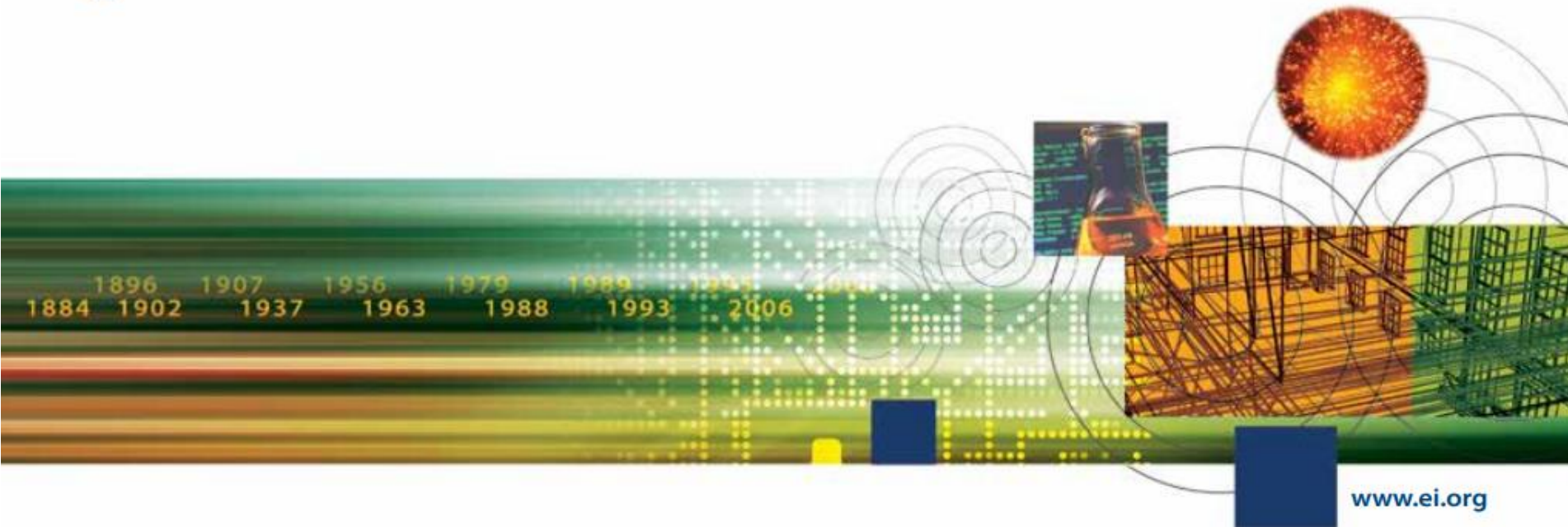
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- Self-generated clouds of micron-sized particles as a promising way of a Solar Probe shielding from intense thermal radiation of the Sun
Dombrovsky, Leonid A. (Joint Institute for High Temperatures, NCHMT, Moscow; 111116, Russia); **Reviznikov, Dmitry L.; Kryukov, Alexei P.; Levashov, Vladimir Yu**
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