



使用手冊



長智文化事業有限公司
IG Knowledge Ltd.

目次

ACM Digital Library 簡介	2
ACM Digital Library 使用	2
首頁	2
Journals/Magazine (期刊/雜誌頁面)	3
單本期刊主頁	3
Proceedings (會議錄頁面)	5
Conferences when & where (會議舉辦時間與地點頁面)	6
ACM Books	6
ACM Books (電子書頁面)	7
單本電子書的頁面	7
SIGs (特別興趣團體)	8
SIGs (SIGs 主頁面)	8
ACM Conferences (ACM 會議頁面)	10
People (作者頁面)	11
Profile (作者資訊頁面)	12
檢索功能	13
Advanced Search (進階檢索)	14
檢索技巧	15
檢索範例	15
檢索結果畫面	16
文章頁面	18
ACM 個人帳戶	19
註冊 ACM 個人帳戶	19
登入 ACM 個人帳戶	23
My Profile 頁面	24
My Binders 頁面	24
My Saved Searches 頁面	25



ACM Digital Library 簡介

ACM Digital Library 是由全球最大的電腦教育及科學機構 — 美國計算機協會 (Association for Computing Machinery, ACM) 所出版的資料庫，集合電腦科學領域中頂尖的作者、編輯群和評論者，提供高品質和可靠的資訊來源。資料庫內容包含由 ACM 本身及其附屬機構所出版的全文文章，並提供電腦文獻指引(the Guide to Computing Literature)，涵蓋整個電腦領域的文摘與索引服務。且提供分析工具來幫助分析電腦科學領域出版品、作者及機構。

ACM Digital Library 使用

■ 首頁：<http://dl.acm.org/>



- ❶ **Journals**：所有 ACM 出版的期刊總頁面。
- ❷ **Magazines**：所有 ACM 出版的雜誌總頁面。
- ❸ **Proceedings**：ACM 與 ACM SIGs 所贊助舉辦的會議論文頁面。
- ❹ **ACM Books**：ACM 電子書頁面 (不包含在 ACM Digital Library 訂閱可使用項目中，需另行購買)。
- ❺ **SIGs**：ACM 的特殊興趣團體 (Special Interest Groups, SIG) 頁面。
- ❻ **Conferences**：ACM 與 ACM SIGs 所贊助舉辦的會議資訊頁面。
- ❼ **People**：ACM Digital Library 中的作者頁面。

* 若要用個人化功能，需登入個人的 ACM Web account

* 直接在檢索框輸入關鍵詞進行快速檢索(Quick Search)後，在檢索結果的左側會有條件選項，可以透過條件選項縮限檢索結果；若想第一次檢索時直接限定多個條件，請選進階檢索(Advanced Search)



■ Journals/Magazine (期刊/雜誌頁面)

(Magazines 的顯示方式基本上如同 Journals, 所以僅以 Journals 頁面為例。)

Journals Magazines Proceedings Books SIGs Conferences People

在整個 ACM DL 中檢索

Search ACM Digital Library

Advanced Search

ACM Journals

Search within the ACM Journals

僅限定在ACM Journal當中檢索

Home > ACM Journals

About ACM Journals

ACM publishes more than 50 scholarly peer-reviewed journals in dozens of computing and information technology disciplines. Available in print and online, ACM's high-impact, peer-reviewed journals constitute a vast and comprehensive archive of computing innovation, covering emerging and established computing research for both practical and theoretical applications. ACM journal editors are thought leaders in their fields, and ACM's emphasis on rapid publication ensures minimal delay in communicating exciting new ideas and discoveries.

Recommend ACM DL

acm

ACM JOURNALS

可選擇以塊狀(Grid)或條列(List)方式呈現所有的期刊清單於下方。

View : Grid View List View Families

Families 說明目前有哪些期刊屬於同一主題系列

[此處為塊狀方式呈現(Grid View)]

ACM/JCSS
ACM Journal on Computing and Sustainable Societies

COLA
Collective Intelligence

CSUR
ACM Computing Surveys

DGOV
Digital Government: Research and Practice

DLT
Distributed Ledger Technologies: Research and Practice

各頁面最上方的黑色功能列中為固定顯示，此功能列上的檢索框皆設定為在整個 ACM Digital Library 中檢索。進入每個子頁面的檢索功能條，則限定僅檢索子頁面之下的內容。點擊頁面下方的各期刊名稱，即可進入該期刊的主頁。

單本期刊主頁 (以 ACM Computing Surveys 為例)

Journal Home Just Accepted Latest Issue Archive Authors Editors Reviewers About Contact Us

1

ACM Computing Surveys

Search within CSUR

僅限定在這本期刊中檢索

Home > ACM Journals > ACM Computing Surveys

ACM Computing Surveys

進入期刊當期頁面

Association for Computing Machinery

2021 Impact Factor: 14.324 (ranked 3/109 in Computer Science Theory & Methods)

These comprehensive, readable surveys and tutorial papers give guided tours through the literature and explain topics to those who seek to learn the basics of areas outside their specialties in an accessible way. The carefully planned and presented introductions in *Computing Surveys (CSUR)* are also an excellent way for researchers and professionals to develop perspectives on, and identify trends in complex technologies. Contributions ... (More)

Editor-in-Chief: Albert Y. H. Zomaya

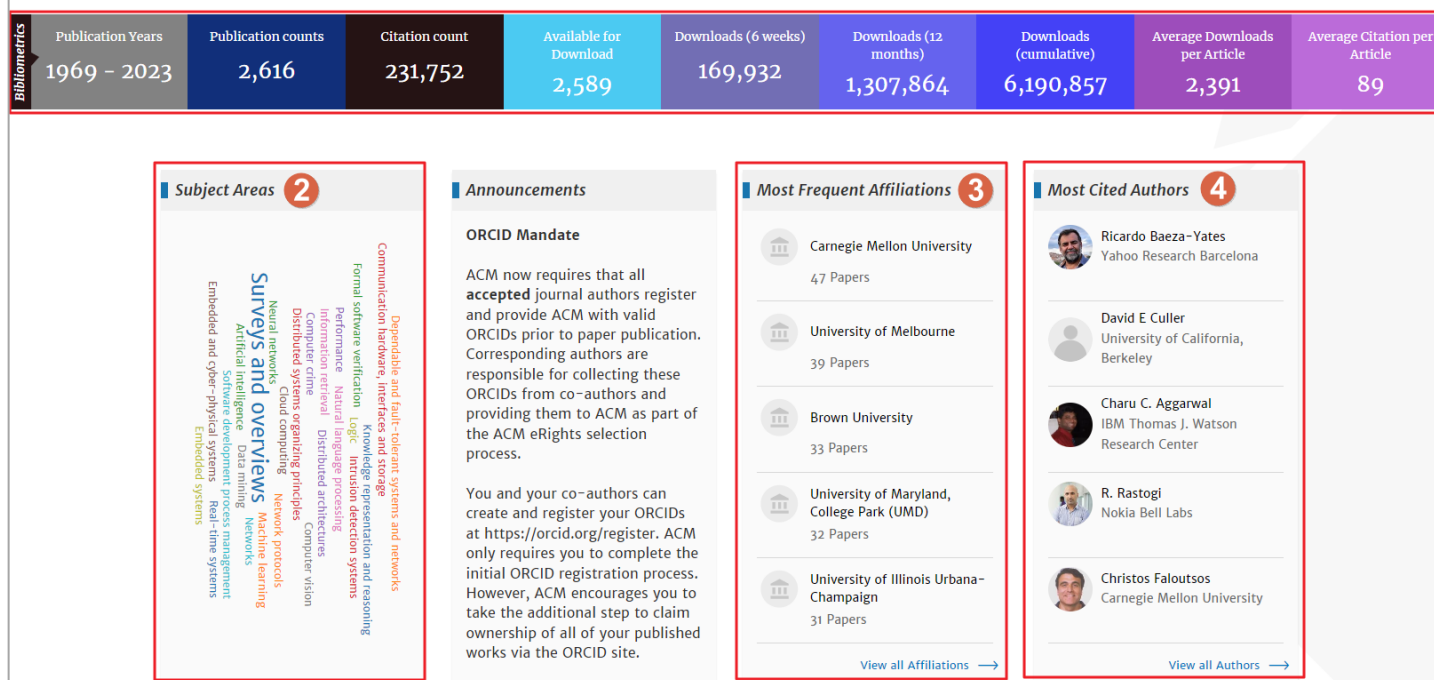
設定獲取期刊出刊通知 (個人化功能)

Get Alerts for this Journal

Twitter LinkedIn Facebook Email RSS



有關本刊的計量資訊



1 期刊功能標籤說明：

- **Just Accepted**：剛被編輯接受的文章投稿。
- **Latest Issue**：最新出版的刊期。
- **Archive**：過往出版的刊期。
- **Authors**：提供作者所需知曉的相關資訊。
- **Editors**：本刊的編輯群資料，以及給副編輯的工作執行指南資訊。
- **Reviewers**：給本刊評論者的資訊 — 評審的過程、標準、決定……等等資訊，投稿者也可以從這裡了解投稿後的評審流程。
- **About**：提供 編輯憲章(Charter)、本刊的通知(Announcement)、刊物被那些資料庫/服務收錄其摘要與索引(Abstracting/Indexing)的資訊、ACM 獎項得獎者 (ACM Award Winners) ...等資訊。
- **Contact Us**：本刊的管理者的連絡資訊。

2 **Subject Areas**：本期刊中常見的主題。點選本期刊中常見的主題，就會執行含該主題在這本期刊中的檢索結果顯示。

3 **Most Frequent Affiliations**：最常投稿本刊的作者所屬機構。

4 **Most Cited Authors**：最常被引用的作者。



■ Proceedings (會議錄頁面)

The screenshot shows the ACM Proceedings website. At the top, there are three tabs: 'ACM Proceedings' (labeled 1), 'Conferences when & where', and 'ICPS Proceedings' (labeled 2). Below the tabs is a large blue banner with the text 'ACM Proceedings' and a search bar labeled 'Search with ACM Proceedings' (labeled 3). Below the banner, there is a section titled 'ACM Proceedings' with a description of conference proceedings. To the right of this section is a search box labeled 'Search Proceedings by title:'. Below the search box is a link 'Clear Search'. Below the search box is a section titled 'Browse Proceedings alphabetically' with the text '會議依照A-Z排列'. Below this section is a table with three rows: '3DAPAS: Dynamic Distributed Data-Intensive Applications, Programming Abstractions, and Systems' (1 Proceedings), '3DOR: 3D Object Retrieval', and '3DVP: 3D Video Processing'. Below the table is a section with two rows: 'A' (204 Conferences) and 'B' (49 Conferences).

1 ACM Proceedings

2 ICPS Proceedings

3 Search with ACM Proceedings

在所有ACM Proceedings中檢索

Home > ACM Proceedings

■ ACM Proceedings

Conference proceedings capture innovation across the spectrum of computing fields by publishing refereed research findings and invited papers from ACM conferences, workshops and symposia. In the field of computing, conferences constitute a vital channel for publications because they are the venue where cutting edge research is presented and discussed. ACM and its SIGs convene more than 170 conferences, symposia and workshops each year.

Search Proceedings by title:

Clear Search

■ Browse Proceedings alphabetically 會議依照A-Z排列

3 3 Conferences

3DAPAS: Dynamic Distributed Data-Intensive Applications, Programming Abstractions, and Systems 1 Proceedings

3DAPAS '11: Proceedings of the 2011 workshop on Dynamic distributed data-intensive applications, programming abstractions, and systems View Conference →

3DOR: 3D Object Retrieval

3DVP: 3D Video Processing

A 204 Conferences

B 49 Conferences

❶ ACM Proceedings：是由 ACM 與 ACM SIGs 所贊助舉辦會議的論文

❷ ICPS Proceedings：非 ACM 與 ACM SIGs 所贊助舉辦會議，但是會議論文由 ACM 所出版的。

以上每個會議名稱點擊打開後，會顯示所曾舉行過年份的會議，點入該年份的會議名稱，會進入該年份會議的 conference 頁面



Conferences when & where (會議舉辦時間與地點頁面)

本頁面提供近期以及未來，將舉辦的會議資訊。

The screenshot displays the 'Conferences when & where' page on the ACM website. It features a search interface with filters for title, specific SIG, conference name, date range, city, state, and country. Below the search filters, a table lists 353 results, including the ASPDACC '21 and Middleware '20 conferences. To the right, an interactive world map shows the locations of these conferences, with red circles indicating future events and black pins indicating past events.

Conference Name	Date	Location	Official Website
ASPDACC '21: 26th Asia and South Pacific Design Automation Conference Sponsor: SIGDA	January 18 - 21, 2021	Tokyo, Japan	ASPDACC '21 Website
Middleware '20: 21st International Middleware Conference Sponsor:	December 7 - 11, 2020	Delft, Netherlands	

- 1 設定條件以檢索未來的會議。
- 2 檢索結果顯示。
- 3 互動式地圖 — 表示未來將舉辦的會議， 表示已舉辦過的會議

ACM Books (需額外訂購)

ACM 自 2014 年起，與 Morgan & Claypool 出版社合作，啟動了一個新的電子書系列出版企劃 — ACM BOOKS，來扮演重要角色以服務社群。也更增強 ACM Digital Library 中豐富的期刊與會議出版品的組合。

ACM BOOKS 電子書系列預計將涵蓋所有計算機科學領域中的主題，本系列初始將專注於四種類型的書籍：

- 研究生等級之教科書
- 研究專書 -- 提供發展成熟和新興領域的概述
- 從業人員等級的專業書籍
- 專論計算機史與計算機對社會影響之書籍



ACM Books (電子書頁面)

[Books Home](#) [Archive](#) [Forthcoming Books](#) [Authors](#) [Affiliations](#) [Award Winners](#)

ACM Books

Search within the ACM Books

在所有ACM Books中檢索

Home > ACM Books

ACM Books

ACM Books is a series of scholarly research monographs and graduate-level texts, authored by computer scientists and practitioners at the forefront of computing technology and includes books across the entire spectrum of computer science, geared to researchers, educators, practitioners and students. Comprehensive in its coverage of both established and emerging computing fields, the series focuses on graduate-level textbooks, research monographs, practitioner-level professional books, and books devoted to the history and social impact of computing. The ACM Books editorial board is composed of world-renowned professionals who represent the field's major areas of study.

[Recommend ACM DL](#)


ACM BOOKS
[Browse Books in the ACM Guide to Computing Literature](#)

**點擊書籍圖片或書名
可進入該電子書頁面**

New Releases



Effective Theories in Programming Practice
Jayadev Misra
2023

Set theory, logic, discrete mathematics, and fundamental algorithms (along with their correctness and complexity analysis) will always remain useful for computing professionals and ne...

[Read More](#) →



Prophets of Computing: Visions of Society Transformed by Computing
Dick van Lente
2022

When electronic digital computers first appeared after World War II, they appeared as a revolutionary force. Business management, the world of work, administrative life, the nation state, and soon...

[Read More](#) →



On Monotonicity Testing and the 2-to-2 Games Conjecture
Dor Minzer
2022

This book discusses two questions in Complexity Theory: the Monotonicity Testing problem and the 2-to-2 Games Conjecture. Monotonicity testing is a problem from the field o...

[Read More](#) →

單本電子書的頁面

Home > ACM Books > *The Handbook of Multimodal-Multisensor Interfaces: Language Processing, Software, Commercialization, and Emerging Directions - Volume 3*

The Handbook of Multimodal-Multisensor Interfaces: Language Processing, Software, Commercialization, and Emerging Directions - Volume 3 • July 2019



Editors: Sharon Oviatt, Björn Schuller, Philip R. Cohen, + 3

Publisher: Association for Computing Machinery and Morgan & Claypool

ISBN: 978-1-970001-75-4

DOI: <https://doi.org/10.1145/3233795>

Pages: 813

Appears In: ACM Books

[PDF](#)

[ePub](#)

電子書提供的格式

(個人化功能)
儲存至個人資料夾

[Save to Binder](#)

[Export Citation](#)

[Twitter](#) [LinkedIn](#) [Facebook](#) [Email](#)

有關本書的計量資訊

Citation count	Downloads (6 weeks)	Downloads (12 months)	Downloads (cumulative)
14	1,752	2,060	2,060



■ SIGs (特別興趣團體)

ACM 的特別興趣團體 (Special Interest Groups, SIGs) 是來自全球領先的思想家的原始研究, 和個人觀點的主要來源, 涉及廣泛的電腦學科。目前在 ACM 之下包含 37 個 SIGs, 每一個 SIG 皆在各自的專業範圍內培養技術社群, 旨在提高其成員的技能, 使其與新趨勢保持同步, 並提供與同儕建立聯繫的機會。SIG 出版通訊和雜誌, 透過多種認可計劃鼓勵卓越發展, 並在本地至全球範圍組織會議和活動。

SIGs (SIGs 主頁面)

Special Interest Groups (SIGs)

在SIGs中檢索

Search within SIGs

Home > All Sigs

SIGs

ACM's Special Interest Groups (SIGs) are a primary source of original research and personal perspectives from the world's leading thinkers across a broad spectrum of computing disciplines. SIGs foster technical communities within their respective specialties and aim to advance the skills of their members, keeping them abreast of emerging trends and offering opportunities for networking with colleagues. SIGs publish newsletters and magazines, encourage excellence through multiple recognition programs, and organize conferences and activities on a local-to-global scale.

Recommend ACM DL

View : **Grid View** List View

選擇塊狀(Grid)或條列(List)
顯示期刊清單

SIGACCESS The ACM Special Interest Group on Accessible Computing promotes the professional	SIGACT Special Interest Group on Algorithms & Computation Theory	SIGADA Special Interest Group on Ada Programming Language	SIGAI Special Interest Group on Artificial Intelligence	SIGAPP Special Interest Group on Applied Computing	SIGARCH Special Interest Group on Computer Architecture
SIGBED Special Interest Group on Embedded Systems	SIGBIO Special Interest Group on Bioinformatics, Computational Biology	SIGCAS Special Interest Group on Computers and Society	SIGCHI Special Interest Group on Computer-Human Interaction	SIGCOMM Special Interest Group on Data Communication	SIGCSE Special Interest Group on Computer Science Education

此處以 SIGGRAPH (Special Interest Group on Computing Graphics, 電腦圖形學特別興趣小組) 頁面為例

SIGGRAPH
Special Interest Group on Computer Graphics

1 SIG Home 2 Publications 3 Upcoming Events 4 Authors 5 Affiliations 6 Award Winners

Search within SIGGRAPH

限定在SIGGRAPH中檢索

Home > SIGs > SIGGRAPH

SIGGRAPH • Special Interest Group on Computer Graphics

The ACM Special Interest Group on Computer Graphics (SIGGRAPH) promotes the generation and dissemination of information on computer graphics and interactive techniques. Everyone is welcome to apply for membership, but most members are researchers, developers, or users from the technical, academic, business, and artistic communities. Membership in ACM SIGGRAPH includes a monthly ACM SIGGRAPH email newsletter, a siggraph.org email address, discounts on conference registrations, and free access to ACM SIGGRAPH publications in the ACM Digital Library.

Join SIG

Recommend ACM DL

SIGGRAPH Website

下一場會議資訊

Next Conference

ETRA '23
Sponsor: SIGGRAPH SIGCHI

ETRA '23: 2023 Symposium on Eye Tracking Research and Applications

May 30 - June 2, 2023

Tubingen, Germany

ETRA '23 website

Bibliometrics

Publication Years	Publication counts	Available for Download	Citation count	Downloads (cumulative)	Downloads (6 weeks)	Downloads (12 months)	Average Citation per Article	Average Downloads per Article
1969 - 2023	43,277	38,124	1,112,363	27,718,321	223,807	1,826,663	26	727

即將舉行的會議資訊

Upcoming Conferences

Conference Name	Date	Location	Sponsors	Website
ETRA '23 Sponsor: SIGGRAPH SIGCHI	ETRA '23: 2023 Symposium on Eye Tracking Research and Applications	May 30 - June 2, 2023	Tubingen, Germany	ETRA '23 Website

- ❶ SIG Home：每個 SIG 的主頁面。
- ❷ Publications：該 SIG 團體的刊物與會議資訊頁面。
- ❸ Upcoming Events：該 SIG 團體未來將舉辦的會議資訊頁面。
- ❹ Authors：屬於該團體的作者群頁面。
- ❺ Affiliations：屬於該團體作者的所屬機構群頁面。
- ❻ Award Winners：曾獲獎的 ACM 作者。

■ ACM Conferences (ACM 會議頁面)

The screenshot shows the ACM Conferences website. At the top, there is a navigation bar with three items: 'ACM Conferences' (annotated with a red circle 1), 'Conferences when & where' (annotated with a red circle 2), and 'ICPS Proceedings' (annotated with a red circle 3). Below the navigation bar is a large blue banner with the text 'ACM Conferences'. To the right of the banner is a search bar with the placeholder text 'Search within ACM Conferences' and a magnifying glass icon. Below the search bar is the text '在ACM Conference中檢索'. Below the banner is a section titled 'ACM Conferences' with a paragraph of text and a 'Recommend ACM DL' button. Below this section is a 'View' dropdown menu with 'Grid View' and 'List View' options. Below the dropdown menu is a grid of 12 conference tiles, each with a title and a brief description. The tiles are arranged in two rows of six. The first row contains: ACM SE (ACM Southeast Regional Conference), ANCS (Architecture for Networking and Communications Systems), APGV (Applied Perception in Graphics & Visualization), ASE (Automated Software Engineering), ASIA CCS (ACM Symposium on Information, Computer and Communications Security), and ASPDAC (Asia and South Pacific Design Automation Conference). The second row contains: ASPLOS (Architectural Support for Programming Languages and Operating Systems), ASSETS (ACM SIGACCESS Conference on Computers and Accessibility), AUS-CE (Australian Computing Education), BCB (Bioinformatics, Computational Biology and Biomedicine), C&C (Creativity and Cognition), and CCS (Computer and Communications Security).

1 ACM Conferences

2 Conferences when & where

3 ICPS Proceedings

ACM Conferences

Search within ACM Conferences

在ACM Conference中檢索

Home > ACM Conferences

ACM Conferences

ACM and ACM Special Interest Groups (SIGs) sponsor more than 170 computing conferences, workshops, and symposia around the world. These events, which range in size from conferences with tens of thousands of attendees to small workshops, mirror the state-of-the-art in their respective fields and attract renowned experts from a broad range of computing disciplines, who submit leading-edge research papers for presentation at the conference and inclusion in the published proceedings. Many of these conferences have earned preeminent status in their respective fields, attracting attendees from around the globe.

Recommend ACM DL

View: Grid View List View

選擇塊狀(Grid)或條列(List)
顯示期刊清單

ACM SE ACM Southeast Regional Conference	ANCS Architecture for Networking and Communications Systems	APGV Applied Perception in Graphics & Visualization	ASE Automated Software Engineering	ASIA CCS ACM Symposium on Information, Computer and Communications Security	ASPDAC Asia and South Pacific Design Automation Conference
ASPLOS Architectural Support for Programming Languages and Operating Systems	ASSETS ACM SIGACCESS Conference on Computers and Accessibility	AUS-CE Australian Computing Education	BCB Bioinformatics, Computational Biology and Biomedicine	C&C Creativity and Cognition	CCS Computer and Communications Security

- 1 **ACM Conferences** : ACM 所贊助舉辦的會議資訊
- 2 **Conferences when & where** : 提供近期與未來將舉辦的會議資訊
- 3 **ICPS Proceedings** : 非 ACM 與 ACM SIGs 所贊助舉辦會議, 但是會議論文由 ACM 所出版的。



■ People (作者頁面)

The screenshot shows the ACM DL People page. On the left, a sidebar contains 'Subjects' and 'Affiliations' lists. The main area features a search bar, a 'Sort By' dropdown, and a grid of author profiles. Red boxes and numbers 1 through 6 highlight specific UI elements: 1 points to the sidebar filters, 2 points to the 'Sort By' dropdown, 3 points to the search bar, 4 points to the 'View Profile' button, 5 points to the 'Quick View' button, and 6 points to the author's name and affiliation.

People

Home > People

People

The world's leading computer scientists, educators and practitioners submit their work for publication in ACM's proceedings, journals, magazines and books. Discover ACM's community of authors across the broad spectrum of computing disciplines through their ACM DL Author Profiles.

Authors: Claim your author profile, enhance it with your contact information and social identities, and build your connections.

1 縮限條件過濾作者

2 作者資料顯示排序

3 檢索作者姓名

Find by Name: Clear Showing 1 - 20 of 23,282 Authors

per page: 10 20 50 Sort By: Latest Published ▾

4 **5** **6**

Subjects

- Artificial Intelligence, Machine Learning, Computer Vision, Natural language processing
- Society and the Computing Profession
- Networks and Communications
- Human Computer Interaction
- Computational Theory, Algorithms and Mathematics
- More (8) ▾

Affiliations

- Carnegie Mellon University (508)
- Massachusetts Institute of Technology (395)
- Stanford University (367)
- University of California, Berkeley (352)
- Microsoft Research (312)
- More (15) ▾

Wei Wang
University of New South Wales

E. Bertino
Purdue University

J Dongarra
The University of Tennessee, Knoxville

J. Han
University of Illinois at Urbana-Champaign

B Shneiderman
University of Maryland

Moshe Y. Vardi
Rice University

❶ 提供下列特定條件，以便限縮過濾作者：

Subjects：主題

Affiliations：所屬機構

ACM Designations：ACM 成員 (member/fellow/senior member/distinguished member)

Geography：國家

Publication Date：文章出版日期

❷ 作者顯示排序項目，預設為 Latest Published (最新出版)，另有下列選項：

Relevance：依照設定條件的相關性

Most Published：出版文章最多

Given Name A..Z：名字，由 a 到 Z

Given Name Z..A：名字，由 Z 到 a

Surname A..Z：姓氏，由 a 到 Z



- 3 **ACM 相關獎項標記**：若作者曾獲 ACM 相關獎項，或屬於 ACM 成員 (ACM Fellow)，此處會出現相關的標記
- 4 **作者資訊**：作者的電子郵件信箱資訊，以及作者的網頁連結
- 5 **View Profile**：觀看作者的 ACM 個人資訊頁面
- 6 **Quick View**：顯示作者個人的資訊快覽

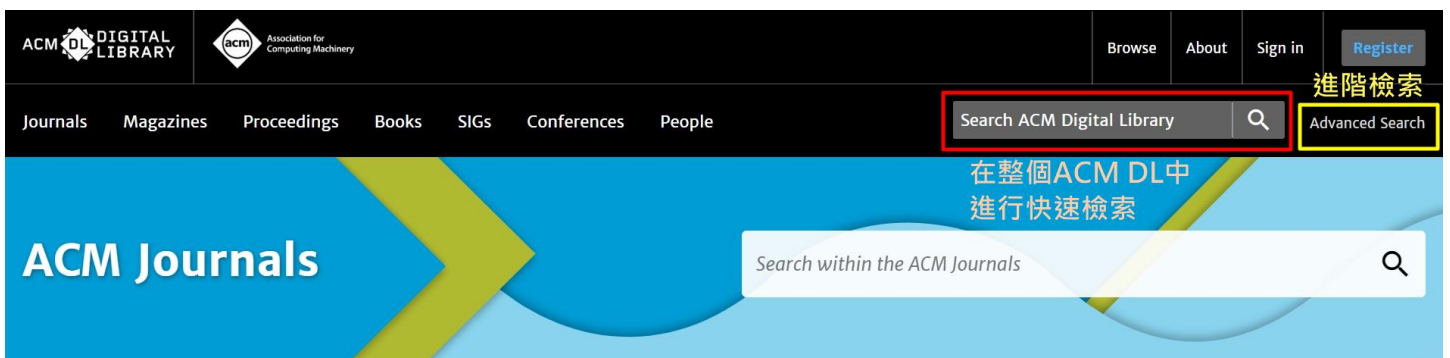
點選 Profile，可完整顯示作者的所有資訊，包含計量資料 (如以下範例)

長智文化事業有限公司 IG Knowledge Ltd. • 10457 台北市南京東路二段 72 號 8 樓
Tel: (02)2571-3369 • Fax: (02)2571-3119 • www.igroup.com.tw • services@igrouptaiwan.com

- ❶ **Most frequent co-Author**：最常合作的共同作者
- ❷ **Most cited colleague**：最常被引用的合作作者
- ❸ **Top subject**：投稿文章最常見的主題
- ❹ **Last year's Top Keywords**：去年最常用的關鍵字（關鍵字是作者自行給予）
- ❺ **Most frequent Affiliation**：作者最常投稿時所屬的機構
- ❻ **Subject Areas**：文章所屬主題
- ❼ **Published Items by Year**：文章出版年份
- ❽ **Keywords**：作者自行給予文章的關鍵字
- ❾ **Colleague Collaboration**：文章合作的作者

檢索功能

ACM Digital Library 中的檢索，分為**快速檢索**(Quick Search)與**進階檢索**(Advanced Search)兩種，在 ACM Digital Library 的首頁，以及每一個 ACM Digital Library 的頁面的右上方，均會顯示快速檢索框，以及進階檢索的連結，如下圖所示。



Advanced Search (進階檢索)

Advanced Search

Search

Search anything within the ACM Digital Library or go to your [Saved Searches](#)

Search items from:

The ACM Full-Text collection

▼

i

1

Search Within i

Anywhere

▼

Enter Search term

+

2

Filters i

Published in

▼

Match All

▼

Enter Search term

+

Publication Date i

3

☒ All dates

☐ Last

Please Select

▼

☐ Custom range

From:

Select Month

▼

Select Year

▼

To:

Select Month

▼

Select Year

▼

按 + 可以
增加檢索欄位

- 1 設定檢索 ACM 僅含全文的內容，或包含書目資料的部份 (ACM Guide to Computing Literature)
- 2 設定檢索的欄位 (ex: 文章題名, 作者...等)，或設定限定條件 (ex: 出版於某期刊, 經費來源單位...等)
- 3 限定出版品的年月



檢索技巧

1. 布林邏輯

可使用布林爾運算元符 AND, OR 和 NOT 來縮小或擴大搜索結果。

在預設的情況下，除非在編輯查詢輸入中，指定其他運算符，否則在“Search Within”之間會假定為 AND 關係。

2. 檢索詞組

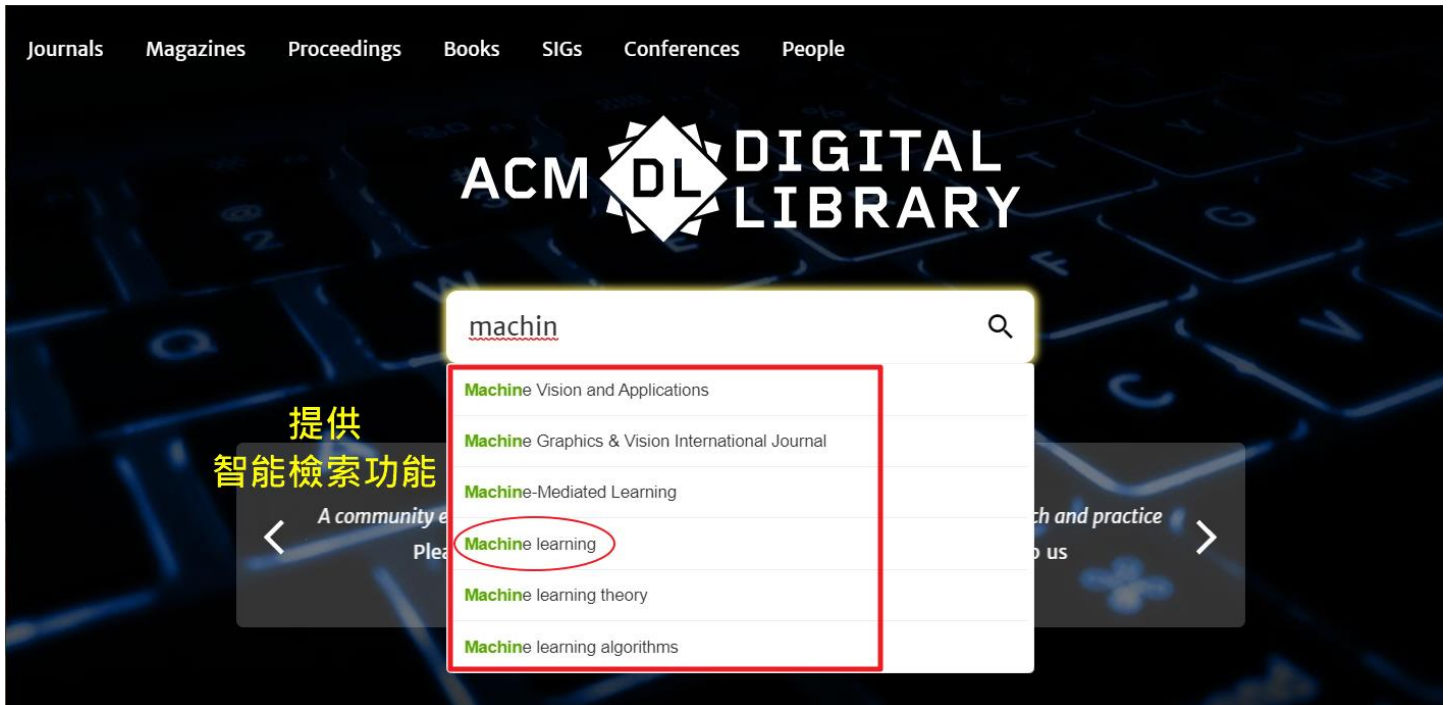
將詞組放在引號 “ ” 中，以檢索與該詞組完全相符的結果。

3. 通配符

- 使用星號 * 指定任意數量的未知字符。例如，如果您搜索 comput *，搜索引擎將提供包含 comput 單詞的結果，例如 compute, computing, computing 等。
- 使用問號 ? 指定任何單個未知字符。例如，如果您搜索 compute ?, 搜索引擎將提供如 computer 或 computed 之類的詞的結果，而不包 computers，因為問號僅代表一個字符。
- 注意：在搜索詞的開頭，或在引號內搜索短語時，不能使用通配符。

檢索範例

以 machine learning 為例，在首頁快速檢索框內，輸入檢索詞彙後，按下放大鏡按鈕，執行檢索。



檢索結果畫面

Search Results

Search 在快速檢索結果中，進行二次檢索

Advanced Search

檢索結果數量: 43,501 Results

重新設定檢索條件

Expand your search to The ACM Guide to Computing Literature (3,462,337 records)

擴展檢索結果至DL中僅收錄書目資料(無全文)的部份

Showing 1 - 20 of 43,501 Results

檢索結果其他類型

per page: 10 20 50 Latest

檢索結果顯示依據

利用系統預設條件縮限檢索結果

Initial Search Criteria: Machine Learning

Clear All

Applied Filters

People

Names

Institutions

Authors

Editors

Reviewers

Publications

Journal/Magazine Names

Proceedings/Book Names

All Publications

Content Type

Media Formats

Paper Award

Publisher

RESEARCH-ARTICLE

March 2023

Protected Attributes Tell Us Who, Behavior Tells Us How: A Comparison of Demographic and Behavioral Oversampling for Fair Student Success Modeling

Jade Mai Cock, Muhammad Bilal, Richard Davis, Mirko Marras, Tanja Kaser

LAK2023: LAK23: 13th International Learning Analytics and Knowledge Conference • March 2023, pp 488–498 • <https://doi.org/10.1145/3576050.3576149>

Algorithms deployed in education can shape the learning experience and success of a student. It is therefore important to understand whether and how such algorithms might create inequalities or amplify existing biases. In this paper, we analyze the ...

RESEARCH-ARTICLE

March 2023

Do Not Trust a Model Because It is Confident: Uncovering and Characterizing Unknown Unknowns to Student Success Predictors in Online-Based Learning

Roberta Galici, Tanja Kaser, Gianni Fenu, Mirko Marras

LAK2023: LAK23: 13th International Learning Analytics and Knowledge Conference • March 2023, pp 441–452 • <https://doi.org/10.1145/3576050.3576148>

Student success models might be prone to develop weak spots, i.e., examples hard to accurately classify due to insufficient representation during model creation. This weakness is one of the main factors undermining users' trust, since model predictions ...

系統預設縮限檢索結果條件有下列幾項：

People

Publications

Conferences

Reproducibility Badges (關於通過 ACM 論文額外審閱程序的標記，有數種)

Publication Date

(※關於 Reproducibility Badges 的完整說明，可參考 <https://www.acm.org/publications/policies/artifact-review-badging#functional>)

檢索結果顯示預設為依照相關性(Relevance)排列，檢索結果顯示有下列選項：

Latest：出版年代最新

Relevance：相關性

Earliest：出版年代最早

Downloaded：下載數 (高至低)

Cited：引用數(高至低)



勾選檢索結果：可儲存文章至個人資料夾(My Binders) [個人化功能]，或是匯出文章的書目資料 (提供三種格式：BibTex/EndNote/ACM Ref)

People

Names

Institutions

Authors

Editors

Reviewers

Publications

Journal/Magazine Names

Proceedings/Book Names

All Publications

Content Type

匯出所勾選文章的書目資料

Export Citations

(個人化功能)
儲存所勾選文章

Save to Binder

per page: 10 20 50 Cited

RESEARCH-ARTICLE

May 2011

LIBSVM: A library for support vector machines

Chih-Chung Chang, Chih-Jen Lin

ACM Transactions on Intelligent Systems and Technology (TIST) (TIST), Volume 2, Issue 3 • April 2011, Article No.: 27, pp 1–27 • <https://doi.org/10.1145/1961189.1961199>

LIBSVM is a library for Support Vector Machines (SVMs). We have been actively developing this package since the year 2000. The goal is to help users to easily apply SVM to their applications. LIBSVM has gained wide popularity in machine learning and ...

游標移到此處
可顯示文章的
計量資訊

20,976 33,416

Metrics

Total Citations 20,976

Total Downloads 33,416

Last 12 Months 2,607

Last 6 weeks 146

PROCEEDING

July 2008

Proceedings of the 25th international conference on Machine Learning (ICML 2008)

Andrew McCallum, Sam Roweis

ins the papers accepted to the 25th International Conference on Machine Learning (ICML 2008). ICML is the annual conference of the International Machine Learning Society (IMLS), and provides a venue for the presentation and discussion ...

16,086 116,558



文章頁面

點選檢索結果的文章題名，可進入到文章頁面，如下圖所示

The screenshot shows the article page for "DeepFovea: neural reconstruction for foveated rendering and video compression using learned statistics of natural videos" in ACM Transactions on Graphics, Volume 38, Issue 6. The page includes a navigation bar at the top with links like "Journal Home", "Just Accepted", "Latest Issue", "Archive", "Authors", "Editors", "Reviewers", "About", and "Contact Us". The article title is prominently displayed, followed by the authors: Anton S. Kaplanyan, Anton Sochenov, Thomas Leimkühler, Mikhail Okunev, and Todd Goodall. The article is published in ACM Transactions on Graphics, Volume 38, Issue 6, Article No. 212, pp 1-13, with a DOI link. The publication date is 08 November 2019. The article has 55 citations and 8,274 views. On the left side, there is a sidebar with "文章期刊資訊" (Article Journal Information) showing the journal name and volume/issue, and "文章快速連結" (Article Quick Links) with links to Abstract, Supplemental Material, References, Index Terms, and Comments. The main content area includes the "Abstract" and "Supplemental Material" sections. The "Supplemental Material" section features a video player for "a212-kaplanyan.mp4" (466.4 MB) and a download link for "a212-kaplanyan.zip" (460.1 MB). On the right side, there is a "PDF" button and a "Help" button. A red box highlights the "eReader" and "PDF" buttons, with a label "本篇文章可取得的全文格式" (Full text formats available for this article). Another red box highlights the "Abstract" section, with a label "文章被引用通知 (個人化功能)" (Article citation notification (personalized feature)). A third red box highlights the "Supplemental Material" section, with a label "文章所附補充資料" (Supplemental material attached to the article).

ACM Digital Library 中的文章，總計有以下四種全文格式，但並非每篇章都提供四種全文格式，大部分的文章僅提供兩或三種（範例所提供之全文格式為 eReader 及 PDF 兩種格式）。

1. PDF Format

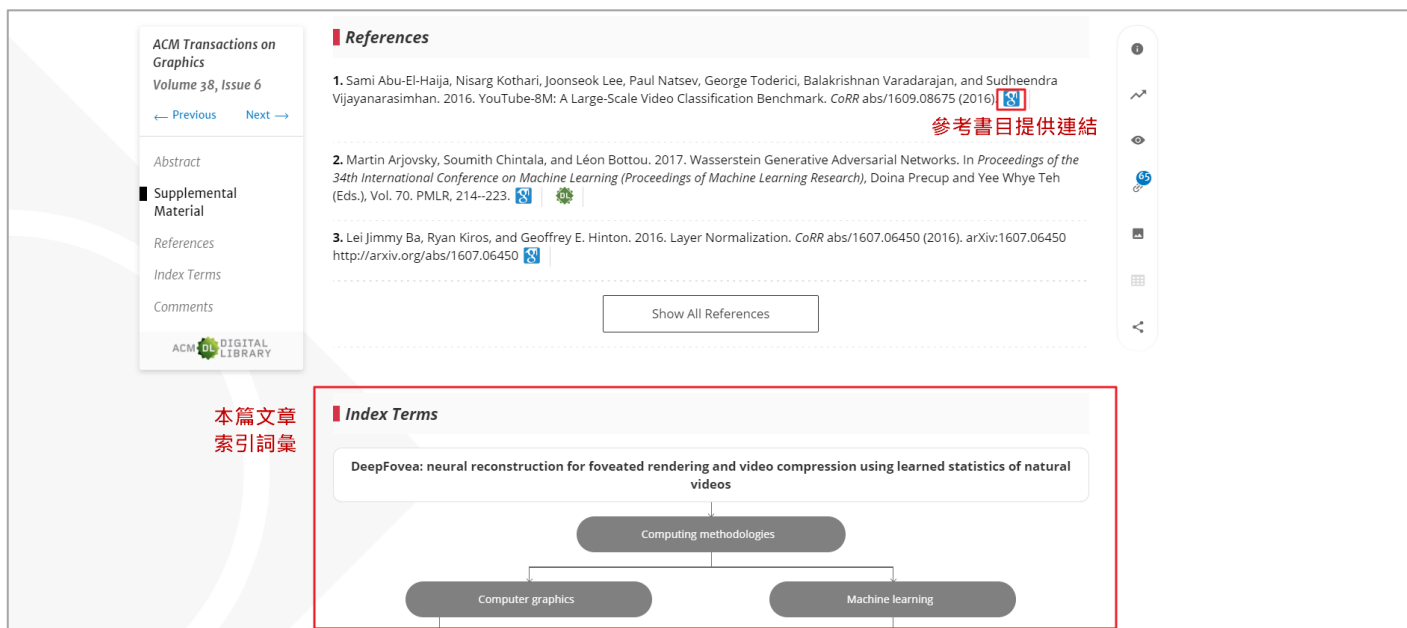
2. eReader：無須額外安裝軟體，透過瀏覽器網頁線上閱讀，提供外加功能，如文章目次與參考資料連結、等等。



3. **Digital Edition**：僅有部分 ACM Magazines 提供 Digital Edition 格式全文

4. HTML Format

參考書目提供對外連結透過 Google Scholar  與 CrossRef 。有 ACM DL 圖示者  表示在 DL 內有全文。



The screenshot shows a page from the ACM Digital Library. On the left is a sidebar with navigation links: 'ACM Transactions on Graphics', 'Volume 38, Issue 6', 'Previous', 'Next', 'Abstract', 'Supplemental Material', 'References', 'Index Terms', and 'Comments'. The main content area is divided into two sections. The 'References' section lists three papers, with the first one highlighted and a red label '參考書目提供連結' (Reference list provides links) next to it. The 'Index Terms' section shows a hierarchical diagram for the article 'DeepFovea: neural reconstruction for foveated rendering and video compression using learned statistics of natural videos'. The diagram shows 'Computing methodologies' as the parent term, which branches into 'Computer graphics' and 'Machine learning'. A red box highlights the 'Index Terms' section. A red label '本篇文章索引詞彙' (Index terms of this article) points to the 'Index Terms' section.

ACM 個人帳戶

註冊 ACM 個人帳戶

- ※ **請留意**：ACM Web account 登入需輸入 Username (在建立帳戶時系統會自動產生)，Username 並非註冊時所輸入的電子郵件地址，因此請您留意建立帳戶完後所收到的 email 通知，email 中會包含 Username 資料。
- ※ **遠端登入認證**：建立 ACM Web account 後，請先在機構的 IP address 之下，登入一次 ACM web account，之後即可在機構外(非機構 IP address 之下)，透過登入 ACM Web account，而可使用機構的 ACM DL 訂閱內容，此遠端認證可維持 6 個月。6 個月後需重新在機構的 IP address 之下，再次登入 ACM web account，則遠端認證可再維持 6 個月。

1. 點選 ACM 首頁(<https://dl.acm.org/>)右上方的 Register



The screenshot shows the ACM Digital Library homepage. The top navigation bar includes links for 'Browse', 'About', 'Sign in', and 'Register'. The 'Register' button is highlighted with a yellow circle. Below the navigation bar is a large banner with the text 'ACM DL DIGITAL LIBRARY' and a search bar. The background of the banner features a collage of people's faces.

2. 輸入要建立 ACM account 要使用個人的機構 email address (需能收到系統發出的確認信)之後, 按下 Continue 按鈕。

3. 依照網頁上的指示, 依序填寫英文姓名、設定密碼、以及設定忘記密碼時提示問題與答案, 填寫完後按下 Continue 按鈕。

Security Question and Answer

Set a question and answer for your account. Your answer is case-sensitive.

Keep your question and answer combination confidential: if you forget your password, you'll be able to reset it by answering your security question correctly.

Question

Answer

設定忘記密碼時的提示問題與答案，答案字母大小寫有區別

4. 接下來網頁會顯示系統自動稱成的 username，此 username 即為日後登入 ACM Digital Library 個人帳戶的 username，請記下此 username。系統同時會發送包含帳戶確認鏈結的確認 email，到初始註冊時的 email 信箱中。

ACM Account

CREATE ACCOUNT TROUBLE LOGGING IN RESET PASSWORD UPDATE USERNAME RETRIEVE CLIENT NUMBER

Your New ACM Account Information

An ACM Account has been created for you with this username:

系統會自動產生username，此即為日後登入Username

An email message, with a link to confirm your request for this account, will arrive at your email @igrouptaiwan.com momentarily.

If you don't receive the email within a few minutes, [click here to resend it.](#)

Return to: idp.acm.org/

5. 在各位初始註冊時所填入的 email 信箱，會收到類似下列 email 通知(完成 ACM account 設定)。請依照 email 中指示，點擊鏈結。

File Edit View Go Message Events and Tasks Tools Help

台科大 FW: (台科大) Fwd: (台科大)

Get Messages Write Address Book Tag Quick Filter Calendar Tasks Search

From: ACMAccountNotify

Subject: Complete Your ACM Account

To: Kevin Klein

Reply Forward Archive Junk Delete More

上午 10:58

Please follow this link to complete setting up your account:

<https://accounts.acm.org/verify.cfm?ticket=FA9C1816ED29FCDF9CF23C828AC2DB74&ticket2=01DFE1813D12B58E33DFB0ZSCEFXGER>

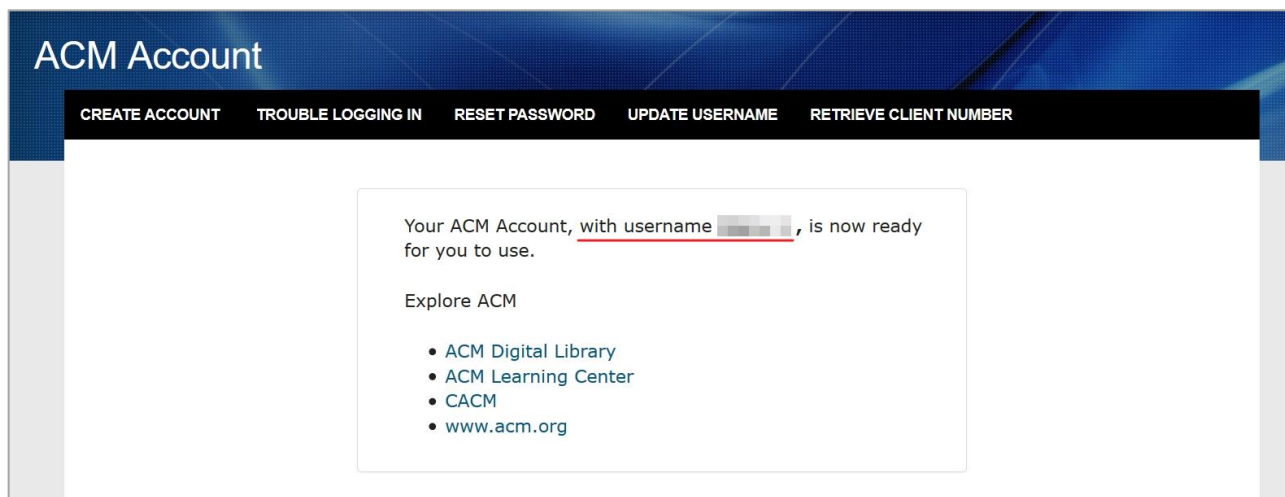
Please do not reply to this email. It is generated automatically, and replies will not reach a human reader. Please send your reply to ACM Member Services, at acmhelp@acm.org, instead, and a Member Services Representative will assist you.

ACM Member Services
acmhelp@acm.org
 1-800-342-6626 (USA and Canada)
 +1-212-626-0500 (Global)

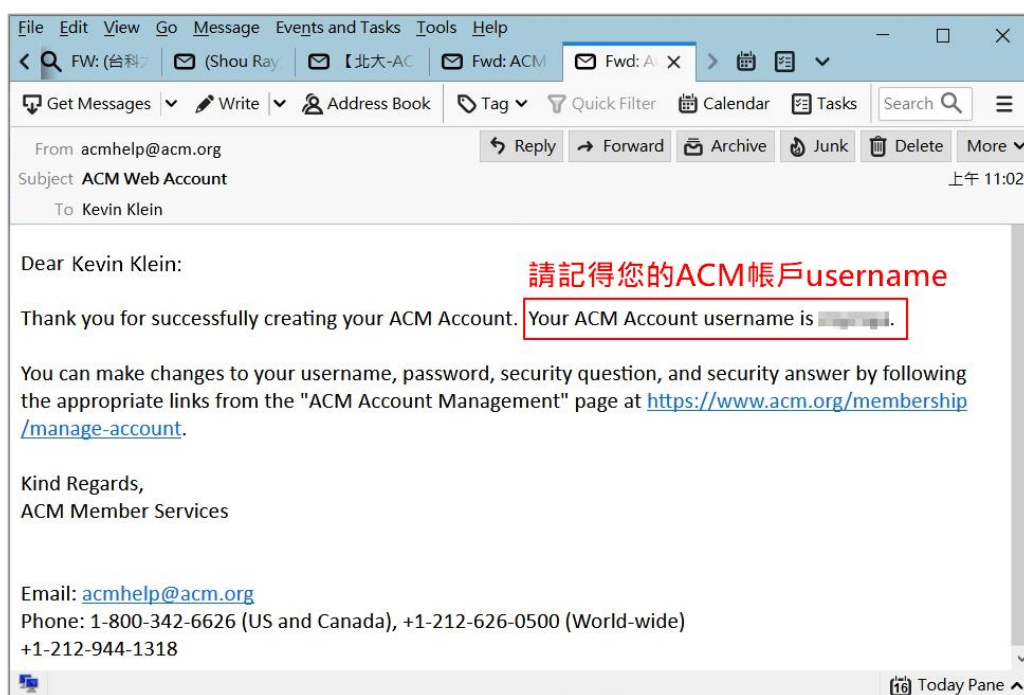
Today Pane



6. 點擊鏈結後，會顯示下列網頁資訊 (網頁上會再次顯示 username 資料)，即可完成創建 ACM account。

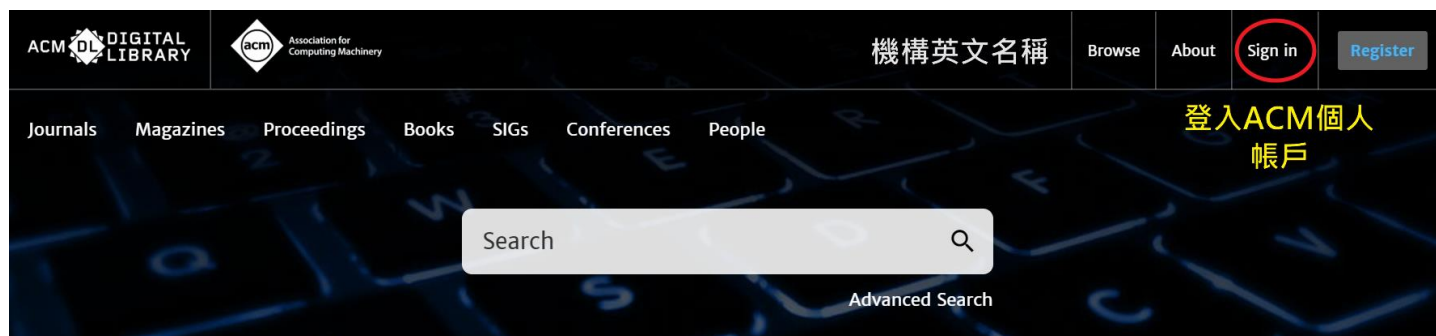


同時也會收到 ACM Web account 已成功設立的通知信。

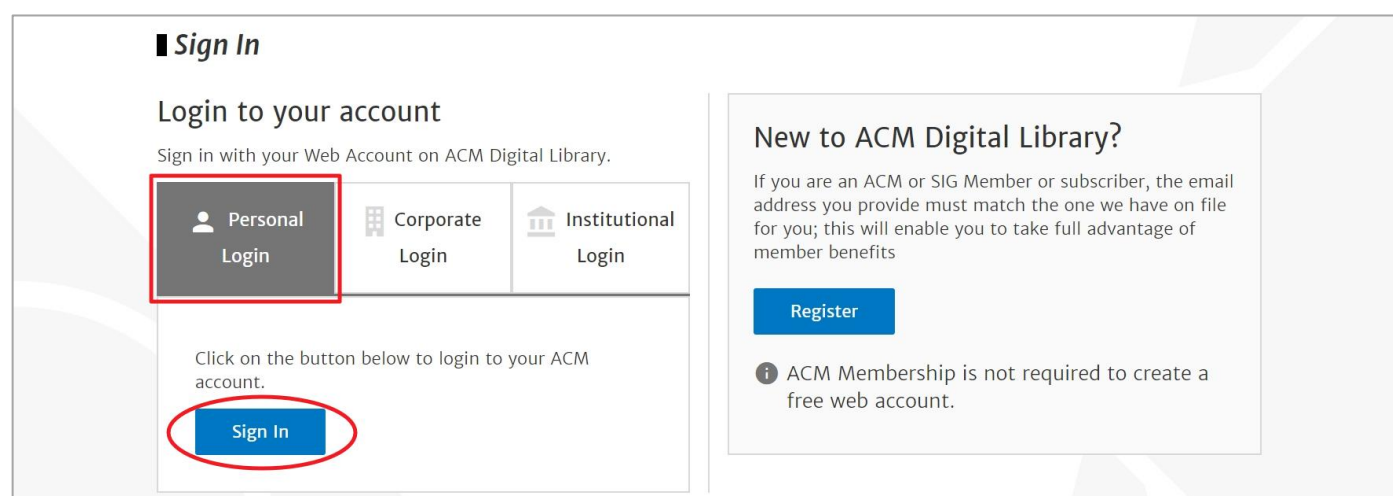


登入 ACM 個人帳戶

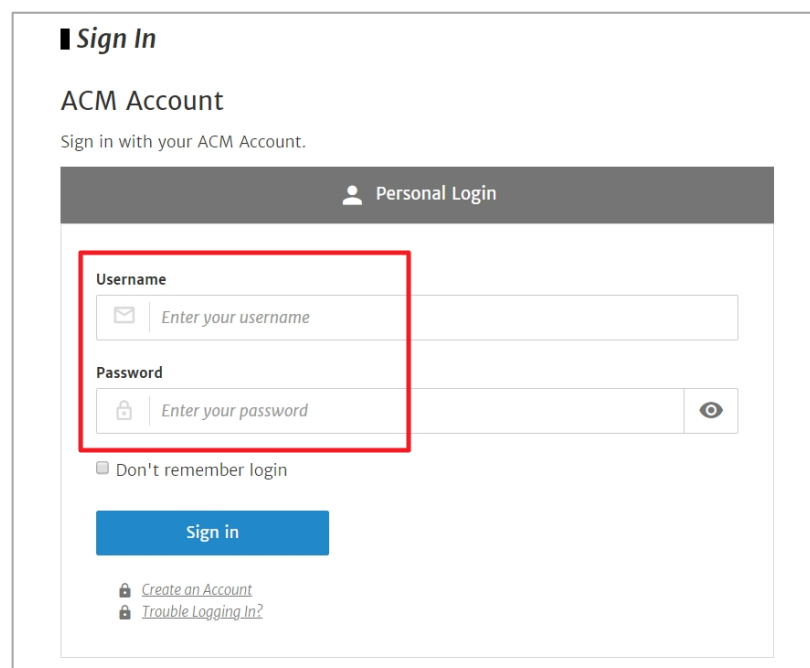
在 ACM Digital Library 網站任一頁面的右上方，點選 Sign in



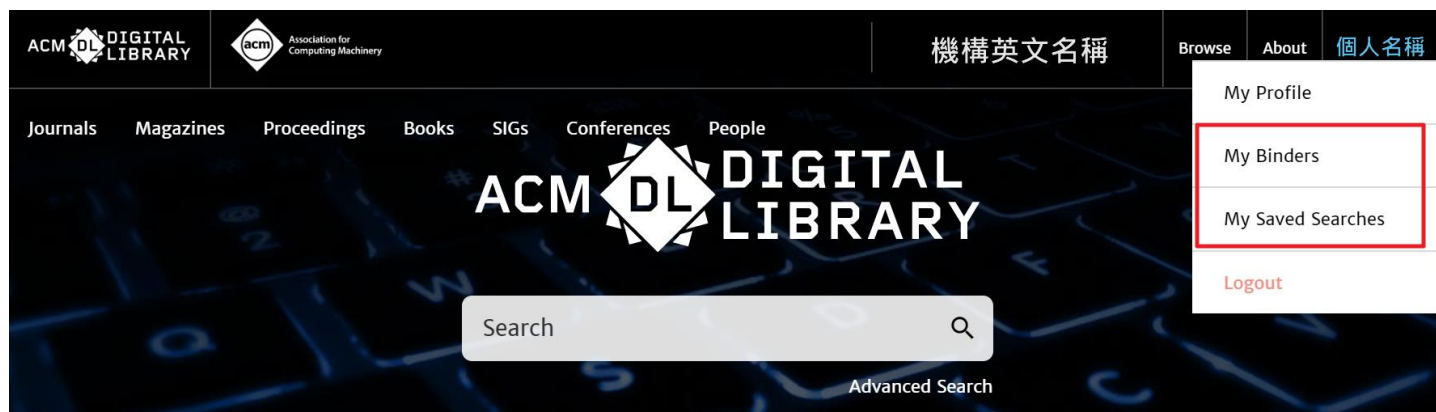
接著網頁會出現三種登入選項，請在 Personal Login 之下再點選 Sign In



輸入先前註冊帳戶時，由系統所產生的 Username，以及自行設定的 Password 後，按下 Sign in 登入 ACM 個人帳戶。

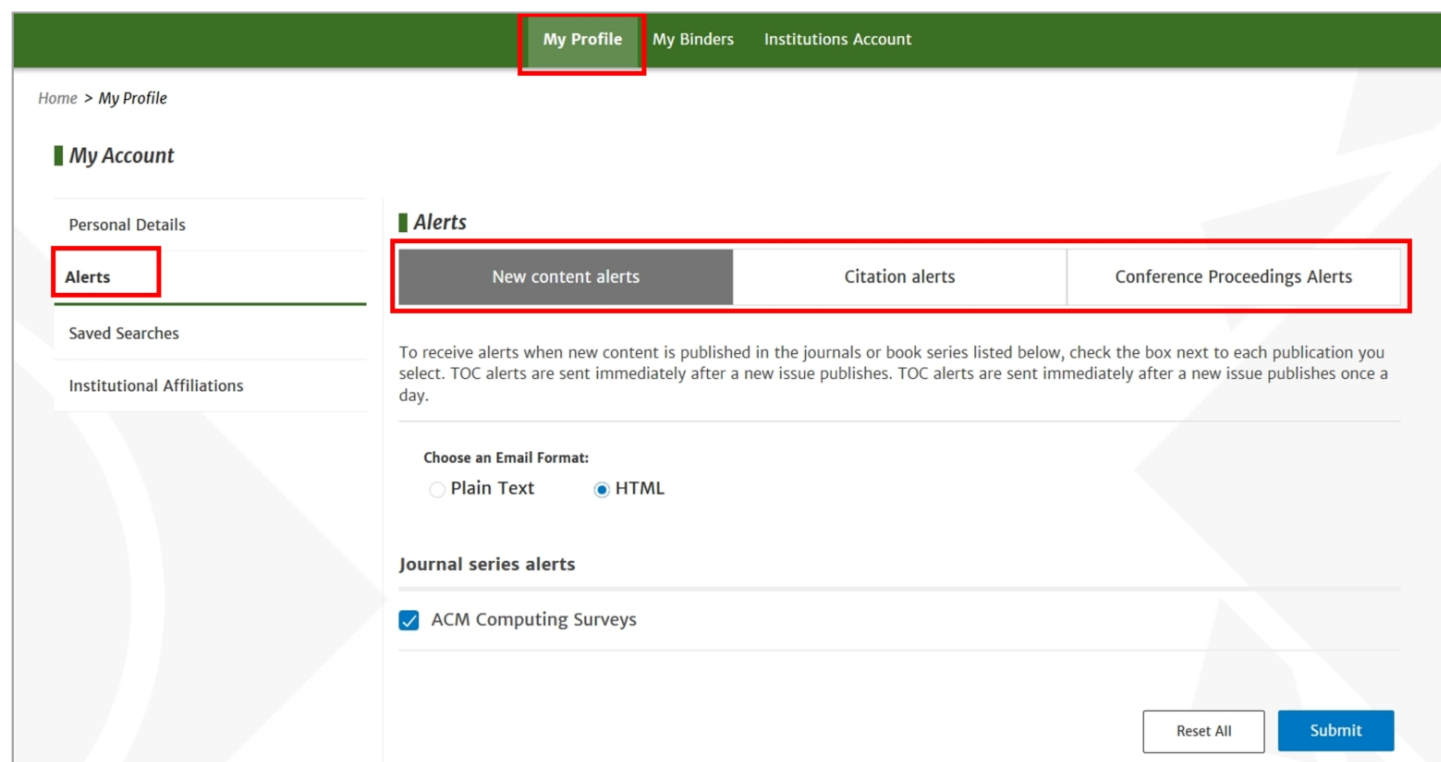


登入後在網頁右上角會顯示個人名稱，點擊個人名稱後，會出現如下圖所示四個選項，分別簡介如下



My Profile 頁面

點選 My Profile 之下的左方的 Alerts，可管理所訂閱的各種通知



My Binders 頁面

可在此處建立資料夾，分類管理自己所儲存的文章，或選擇與他人分享自己所建立的資料夾內容。

欲選擇與他人分享資料夾，需輸入接受分享者的電子郵件信箱(對方必須用此電子郵件信箱建立 ACM 個人帳戶)，發出邀請 email，待對方登入 ACM 個人帳戶後，即可看到自己所分享資料夾中的文章目錄。接受分享者若想要閱讀文章全文，仍需有機構訂閱 ACM Digital Library，或個人具備 ACM 會員資格，才可閱讀全文。



My Profile **My Binders** Institutions Account

Home > My Binders

My Binders [+ Create a New Binder](#) **建立新資料夾**
(在儲存文章時亦可同時建立新資料夾)

Name	Description	Last Modified	Tools
My Reading List	My most recently downloaded articles.	Mar 5, 2020 Me	與他人分享資料夾 複製資料夾
System	No description	Mar 22, 2018 Me	“
iPhone	No description	Sep 24, 2014 Me	“
Cloud	No description	Sep 24, 2014 Me	“
Games	他人所分享的資料夾	Mar 22, 2018 @igrouptaiwan.com	“

系統預設資料夾

My Saved Searches 頁面

在此頁面可管理曾經儲存的檢索策略。在儲存檢索策略時，即可設定發送新檢索結果 email 通知的頻率 (Never/Daily/Weekly/Monthly)，日後可在此處修改或刪除。

My Profile **My Binders** Institutions Account

Home > My Profile

My Account

- Personal Details
- Alerts
- Saved Searches**
- Institutional Affiliations

Saved Searches

Saved Search Name	Frequency	Saved on	Last run on	
[All: machine learning] AND [Publication Date: Past 2 years]	Monthly	Mar 5, 2020	Mar 5, 2020	
All: cloud storage	Weekly	Mar 5, 2020	Mar 5, 2020	

