



Web of Science®  
Stop searching, start discovering!

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## Before research

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- What will I do next?
- What has already been done?
- What are colleagues doing?
- What are my competitors doing?
- What is missing?
- Where do I start?
- How useful will this be?
- Where do I get funding from?



## During research

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- How do I get this to work?
- All in one go or stepwise?
- What other ideas are available?
- Has anybody written about this while I'm working on it?
- How can I save money or get more funding?
- How can I speed up my research?
- Serendipity **An accidental discovery of something fortunate**



## After research

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- Which journal shall I apply for?
- What should I include in the paper?
- Have I included the all correct references?
- How quickly can I get this published?
- What do I want from the publication?
- Do I have to publish in a particular journal?
- What next?



# ISI Web of Knowledge<sup>SM</sup>

- *ISI Web of Knowledge<sup>SM</sup>* is the world's largest integrated research platform for high quality scholarly contents in the sciences, social sciences, arts and humanities, with access to powerful analytical and visualization tools.
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- **ResearcherID.com** and **EndNote Web®** are new tools to enhance researcher's workflow, used in combination with *Web of Science*®

## Why *Web of Science*?

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- Over 3,800 institutions in 90 countries
- In India, more than 75 institutions use *Web of Science*
- Of the top 25 U.S. universities
  - 96% access *Web of Science*
  - 92% have the Science, Social Science, and Arts & Humanities editions
  - 60% have back files to 1900
- Shanghai Jiao Tong University World Rankings
  - 100% of the top 100 Universities have *Web of Science*
- Times Higher Education Supplement World University Rankings
  - 99% of the top 100 Universities have *Web of Science*



# Introduction – Web of Science

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- Web interface to the databases
  - *Science Citation Index Expanded*
  - *Social Sciences Citation Index*
  - *Arts & Humanities Citation Index*
  - *Conference Proceedings Citation Index – Science*
  - *Conference Proceedings Citation Index – Social Science and Humanities*
- Cover-to-cover indexing of over 12,200 journals
- 110,000 conference proceedings (cumulative since 1990)
  - Multidisciplinary (over 256 disciplines)
  - International
  - Influential
- Powerful bibliographic and cited reference search capabilities, together with the benefits of cited reference linking and navigation



## *Web of Science* helps you to Acquire, to Retrieve and to DISCOVER!

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- **To Acquire** is straightforward, all researchers are doing it ... I know what I need to know
- **To Retrieve** is common, any researcher can do it ... I know what I don't know
- But ... **To Discover** is challenging, you need to **discover** what others don't know ... things that you didn't even know you don't know

*Web of Science* provides the “**discovery links**” that are essential to link up known ideas to **discover** unknown concepts





## The “discovery links” in WOS help you to

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- *Understand* the complete picture of a research
- *Identify* the gaps of a research
- *Evaluate* the limitations of a research
- *Plan* your research comprehensively
- *Discover* the unknown findings from known results

Don't duplicate existing work!

Save time and money for more discoveries!

**STOP SEARCHING, START DISCOVERING**



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## An Example - Facts and numbers

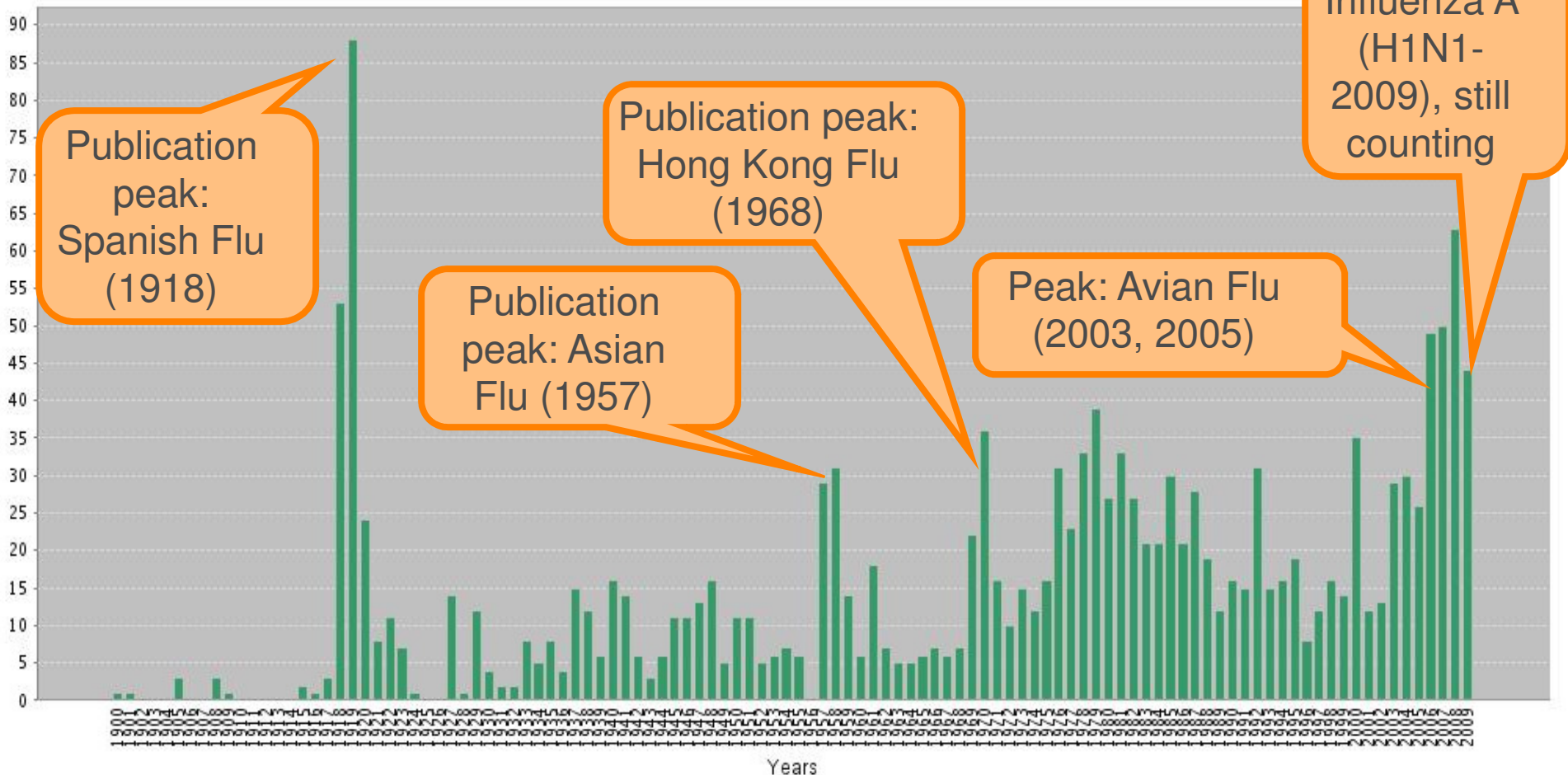
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- Influenza is one of the hottest topics mankind is researching, because it never stop challenging our immune system
  - 1918 Spanish Flu (H1N1)
  - 1957 Asian Flu (A/H2N2 strain)
  - 1968 Hong Kong flu (A/H3N3 strain)
  - 2003 and 2005 Avian Flu (H5N1 strain)
  - 2009 Influenza A (H1N1-2009)



A search for “influenza or flu” and “epidem\*” in WOS will retrieve 1597 records from SCIE and SSCI (1900 ~ 2009)

Published Items in Each Year



Each outbreak has an increased publication peak

# Web of Science®

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## Important URLs

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- Standard access from your university  
<http://isiknowledge.com/>
- Searchable master journal list:  
<http://scientific.thomsonreuters.com/mjl/>
- Training resources:  
<http://scientific.thomsonreuters.com/training/wos/>
- Expert essays on citation analysis and other topics:  
[http://thomsonreuters.com/business\\_units/scientific/free/essays/](http://thomsonreuters.com/business_units/scientific/free/essays/)

For more Customer Training and any queries, please write to  
[ts.training.asia@thomsonreuters.com](mailto:ts.training.asia@thomsonreuters.com)



# Thank you

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**“KNOWLEDGE IS CUMULATIVE, AND  
EVERY GROUNDBREAKING DISCOVERY IS  
DETERMINED TO A LARGE EXTENT BY THE  
*DISCOVERIES THAT CAME BEFORE IT.*”**

Frederic Lawrence Holmes  
Former Avalon Professor of the History of Medicine  
Former Chair, History of Medicine, Yale University  
*Yale Bulletin and Calendar* (V.29 (34) 2000)

**UNCOVER THE PAST TO DISCOVER THE FUTURE**



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