

PANDUAN MENYEMAK H-INDEX BAGI AHLI AKADEMIK (ISI WEB OF SCIENCE) HOW TO CALCULATE H-INDEX IN ISI WEB OF SCIENCE

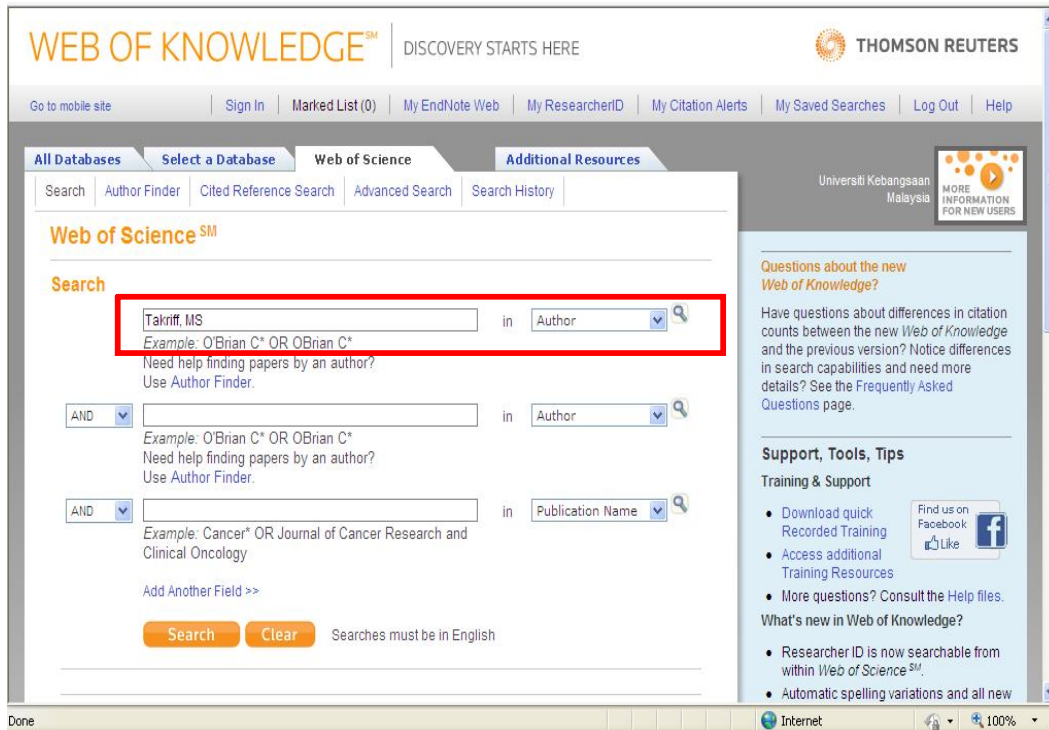
1. Akses **Portal e-Jurnal (untuk akses daripada dalam dan luar Kampus UKM)** atau **Pangkalan Data / jurnal-e** (untuk akses di dalam Kampus UKM sahaja)
Log in via e-Journal Portal (for internal and off campus access) or Library Online Databases
<http://www.ukm.my/library> (for internal access only)

The screenshot shows the homepage of the Universiti Kebangsaan Malaysia (UKM) library. The header includes navigation links like Home, About Us, Collection, Services, Facilities, User Guides, Links, Classic Web View, and Site Map. The main banner features the UKM logo and the text 'Perpustakaan UKM' with the tagline 'Perpustakaan Penjana Generasi Bermaklumat' and the URL 'http://www.ukm.my/library'. A search bar is located in the top right. A central banner reads 'SELAMAT MENYAMBUT TAHUN BARU 2012 KEPADA SEMUA WARGA UKM'. On the left, a 'Log in to EJournal Portal' box is highlighted with a red border, containing fields for 'User ID', 'Password', and a 'Login' button, with a 'Members Only' link below. Below the login box is an 'Information Searching' section with a list of database links. On the right, there is a 'Feed Entries' section with 'OPENING HOURS (DURING EXAM SEASON) ACADEMIC SESSION 2011/2012' and a 'Quick Reference' section.

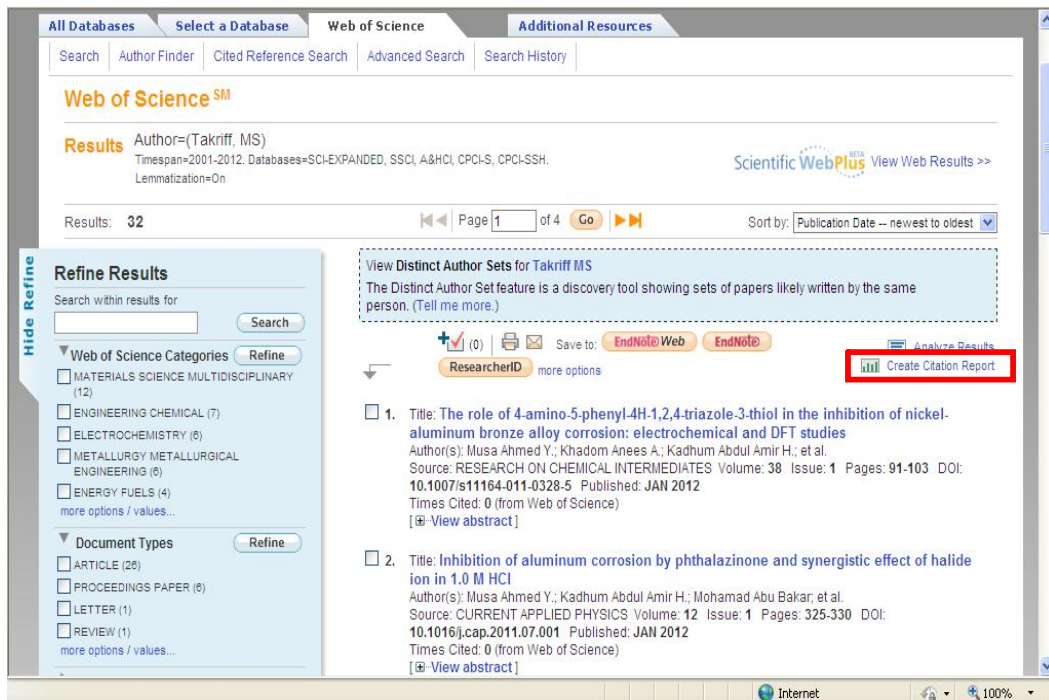
2. Klik **ISI Web of Science** <http://isiknowledge.com/?DestApp=WOS>

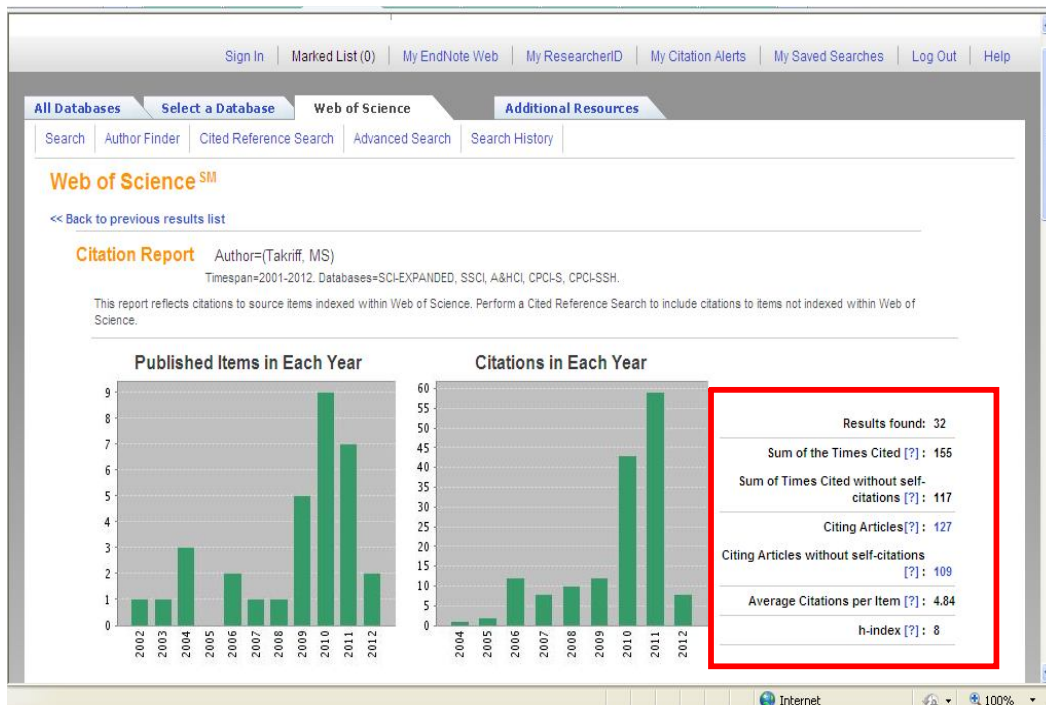
The screenshot shows a list of library databases. The entry 'ISI Web of Science' is highlighted with a red box. The list includes various databases such as EnvironetBASE, GEMA Online Journal of Language Studies, HeinOnline, IEL (IEEE/IEE Electronic Library), Inorganic Chemistry (ACS Journals), Institute of Physics E-Journals, International Law in Domestic Courts, Int. J. of Systematic & Evolutionary Microbiology (IJSEM), ITS MARC, JetP (Jurnal Elektronik Teks Penuh Perpustakaan), Journal Citation Reports, Journal of Mammalogy, JSTOR, Jurnal e-Bangi, Lawnet On-line Law Library, LegalTrac, Lexis-Nexis Academic Universe, Lexis Nexis Total Research System, LISA Net, MarketLine, Mastic, MD-Consult, Medline & Ovid, and Malaysian Legal Alert (MLA). Each entry is accompanied by additional information like subscription dates and user guides.

3. Masukkan singkatan ahli akademik
 Contoh: Prof. Madya. Dr. Mohd Sobri Takriff, (**Takriff, MS**)
 Example : Key in author's initial entry (**AUTHOR**)



4. Setelah mendapat hasil carian, klik pada **Create Citation Report**
 After see the list of hits, click to **Create Citation Report** button





5. Jumlah rekod / Number of records = 32
 H-index = 8
 Petikan / Citation = 155

Pengiraan bagi h-index = 8, menunjukkan daripada 32 penerbitan yang diindeks di dalam ISI Web of Science bagi seseorang pengarang, 8 makalahnya telah dipetik (cited) sekurang-kurangnya 8 kali.

Nota " Terdapat garisan hijau di bawah rekod makalah ke-8 di mana petikan yang diterima bagi makalah berkenaan ialah 9 (melebihi 8)

The h-index is based on a list of publications ranked in descending order by the Times Cited. The value of h is equal to the number of papers (N) in the list that have N or more citations.

This metric is useful because it discounts the disproportionate weight of highly cited papers or papers that have not yet been cited. In the [h-index example](#) below, the h-index is 4 because there are 4 articles with 4 or more citations that appear above the green line.

Calculating the h-index Value - The h-index factor is based on the depth of your Web of Science subscription and your selected [timespan](#). Items that do not appear on the Results page will not be factored into the calculation. If your subscription depth is 10 years, then the h-index value is based on this depth even though a particular author may have published articles more than 10 years ago. Moreover, the calculation only includes items in Web of Science - books and articles in non-covered journals are not included.

The h-index was developed by J.E. Hirsch and published in Proceedings of the National Academy of Sciences of the United States of America 102 (46): 16569-16572 November 15 2005.

6. Hasil paparan bagi rekod mengikut jumlah petikan tertinggi.
Citation Report- Search hits are sorted by Timed Cited (Number of citation received)

Results: 32 Page 1 of 4

Sort by: Times Cited -- highest to lowest

Use the checkboxes to remove individual items from this Citation Report or restrict to items published between 2001 and 2012 Go

| | 2008 | 2009 | 2010 | 2011 | 2012 | Total | Average Citations per Year |
|---|------|------|------|------|------|-------|----------------------------|
| <input type="checkbox"/> 1. Title: Predicting flux and rejection of multicomponent salts mixture in nanofiltration membranes Author(s): Mohammad Ali, Taïff M S Conference: Conference on Desalination and the Environment - Fresh Water for All Location: MALTA, ITALY Date: MAY 04-05 2008 Sponsor(s): European Desalinat Soc; Water Sol & Techn Assoc; Int Water Assoc; Malta Resources Author; Water serv Corp; Middle E Desalinat Res Ctr; Sol & Technol Pk Abruazzo; European Membrane Soc; Malta Desalinat Ser Source: DESALINATION Volume 157 Issue 1-3 Special Issue: SI Pages: 105-111 Article Number: PII 9011-9164(09)00039-3 Published: AUG 1 2009 | 10 | 12 | 43 | 55 | 8 | 155 | 17.22 |
| <input type="checkbox"/> 2. Title: A comparative study of the corrosion inhibition of mild steel in sulphuric acid by 4,4-dimethylloxazolidine-2-thione Author(s): Musa Ahmed Y.; Kadhum Abdul Amir H.; Mohammad Abu Bakar, et al Source: CORROSION SCIENCE Volume 51 Issue: 10 Pages: 2335-2339 DOI: 10.1016/j.corsol.2009.06.024 Published: OCT 2009 | 0 | 1 | 6 | 8 | 2 | 17 | 4.25 |
| <input type="checkbox"/> 3. Title: On the inhibition of mild steel corrosion by 4-amino-5-phenyl-4H-1, 2, 4-triazole-3-thiol Author(s): Musa Ahmed Y.; Kadhum Abdul Amir H.; Mohammad Abu Bakar, et al Source: CORROSION SCIENCE Volume 52 Issue: 2 Pages: 528-533 DOI: 10.1016/j.corsol.2009.10.009 Published: FEB 2010 | 0 | 0 | 4 | 11 | 2 | 17 | 5.67 |
| <input type="checkbox"/> 4. Title: Technical design and economic evaluation of a PEM fuel cell system Author(s): Kamarudin SK, Daud W/R/W; Som MA, et al Conference: 9th Grove Fuel Cell Symposium Location: London, ENGLAND Date: OCT 04-06 2005 Source: JOURNAL OF POWER SOURCES Volume: 157 Issue: 2 Special Issue: SI Pages: 641-649 DOI: 10.1016/j.jpowsour.2005.10.055 Published: JUL 5 2006 | 4 | 4 | 3 | 2 | 0 | 14 | 2.00 |
| <input type="checkbox"/> 5. Title: Corrosion inhibitive property of 4-amino-5-phenyl-4H-1,2,4-triazole-3-thiol for mild steel corrosion in 1.0M hydrochloric acid Author(s): Musa A. Y.; Kadhum A. H.; Taïff M. S., et al Source: CORROSION ENGINEERING SCIENCE AND TECHNOLOGY Volume 45 Issue: 2 Pages: 163-168 DOI: 10.1179/147842208X386359 Published: APR 2010 | 0 | 1 | 7 | 4 | 1 | 13 | 4.33 |
| <input type="checkbox"/> 6. Title: Stability of Layer Forming for Corrosion Inhibitor on Mild Steel Surface under Hydrodynamic Conditions Author(s): Musa Ahmed Y.; Kadhum Abdul Amir H.; Mohammad Abu Bakar, et al Source: INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE Volume 4 Issue: 5 Pages: 707-716 Published: MAY 2009 | 0 | 0 | 2 | 7 | 1 | 10 | 2.50 |
| <input type="checkbox"/> 7. Title: Kinetic behavior of mild steel corrosion inhibition by 4-amino-5-phenyl-4H-1,2,4-triazole-3-thiol Author(s): Musa Ahmed Y.; Kadhum Amir H.; Kadhum Abdul Amir H., et al Source: JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS Volume 41 Issue: 1 Pages: 126-129 DOI: 10.1016/j.jtce.2009.08.002 Published: JAN 2010 | 0 | 0 | 5 | 5 | 0 | 10 | 3.33 |
| <input type="checkbox"/> 8. Title: Design of a fuel processor unit for PEM fuel cell via shortcut design method Author(s): Kamarudin SK, Daud W/R/W; Som AM, et al Source: CHEMICAL ENGINEERING JOURNAL Volume: 104 Issue: 1-3 Pages: 7-17 DOI: 10.1016/j.cej.2004.07.007 Published: NOV 15 2004 | 1 | 1 | 0 | 1 | 0 | 9 | 1.00 |
| <input type="checkbox"/> 9. Title: Production of activated carbon from candlenut shell by CO2 activation Author(s): Turmuzi M, Daud W/R/W; Tasrin SM, et al Source: CARBON Volume: 42 Issue: 2 Pages: 453-455 DOI: 10.1016/j.carbon.2003.11.015 Published: 2004 | 1 | 1 | 3 | 1 | 0 | 8 | 0.89 |
| <input type="checkbox"/> 10. Title: Hydrogen purification using compact pressure swing adsorption system for fuel cell | | | | | | | |

Internet 74%

Kemaskini / Updated : 09.01.2012