

The H-Index for Management Information Systems

The h-index is a citation index that attempts to measure both the productivity and impact of the published work of a scientist or scholar (<http://en.wikipedia.org/wiki/H-index>). The index was suggested by Jorge E. Hirsch, a physicist at UCSD, as a tool for determining theoretical physicists' relative quality (Hirsch, 2005). **A scholar with an index of h has published h papers each of which has been cited by others at least h times.** The h-index is intended to measure simultaneously the quality and sustainability of scientific output, as well as, to some extent, the diversity of scientific research. Since 2005, the h-index has been discussed and analyzed in major publications such as *PNAS* and *Nature* (Hirsch, 2005, 2007; Lehmann et al., 2006; Wendl, 2007) and adopted in many disciplines (e.g., physics, biology, computer science, information science, social sciences, economics, etc.).

The h-index can be manually determined using citation databases or using automatic web tools. Subscription-based databases such as Scopus and the Web of Science provide automated calculators. Each database or tool is likely to produce a different h for the same scholar because of different coverage. Google Scholar is widely used due to its availability and easy access. Google Scholar tends to have more citations (especially from conference publications) than Scopus and Web of Science, which cover mostly journal publications (<http://en.wikipedia.org/wiki/H-index>).

We provide here a partial list of Management Information System professors and researchers who each has an h-index of 30 or higher, according to Google Scholar. The original list of scholars that we considered includes AIS LEO recipients, AIS Fellows, past ICIS conference and program chairs, recent ICIS track chairs, AEs of selected major MIS journals (MISQ, ISR, JMIS, MS, DSS, JAIS, TMIS), and highly ranked scholars from several recent MIS research productivity studies (e.g., CAIS 2007; EJIS 2007). Based on an initial list of about 400 senior scholars, a Python program was developed to automatically query Google Scholar and obtain the h-index for each scholar via a combination of predefined rules. If a given scholar does not have a Google Scholar profile, we manually recorded up to 100 search results from Google Scholar and calculated the h-index based on the citations of each search result. Several records were also manually checked for validity. Any discrepancies with previous H-Index lists were also manually confirmed. **Our effort yielded 190 MIS scholars with h-index of 30 or higher, which represents about the top 4% of all AIS members.**

Although there are many different yardsticks for measuring research productivity in MIS, we believe the h-index is a metric that deserves attention due to its academic basis, simplicity, and wide acceptance in other major scientific disciplines. Several fields have included the h-index of productive scholars in their disciplines at selected web sites, such as "The h-index for Computer Science" at <http://www.cs.ucla.edu/~palsberg/h-number.html>, and, for economists, the h-index provided on the IDEAS website and database at <http://ideas.repec.org/top/top.person.hindex.html>. This h-index for Management Information Systems is a similar effort.

Any automated tool may invariably introduce errors, inconsistencies, or omissions. **Please send comments, corrections, and new entries to Brandi Gaulin at the University of Arizona, ailab@eller.arizona.edu.** We would like to thank the community members for their valuable feedback and inputs. We will continue to provide an annual update based on our existing program and Google Scholar.

References:

- Jorge E. Hirsch (2005). "An index to quantify an individual's scientific research output." *PNAS* 102 (46): 16569–16572.
Jorge E. Hirsch (2007). "Does the h-index have predictive power?" *PNAS* 104 (49): 19193–19198.
Michael Wendl (2007). "H-index: however ranked, citations need context." *Nature* 449 (7161): 403.
Sune Lehmann, Andrew D. Jackson, and Benny E. Lautrup (2006). "Measures for measures." *Nature* 444 (7122): 1003–4.

Please note that the compilation and update of this list is ongoing until the end of May 2024, and then it will freeze until the next major update. If you are aware of discrepancies or you want to send us the link for your Google Scholar, please contact ailab@eller.arizona.edu so that we can address your concerns.

H-Index for Management Information Systems (January 2024)

H-Index	Name	H-Index	Name	H-Index	Name
109	Hsinchun Chen	61	George Wright	45	Michael Chau
109	Thomas H. Davenport	61	Hugh J. Watson	45	Qing Hu
107	Erik Brynjolfsson	61	Ting-Peng Liang	45	Yair Wand
103	Izak Benbasat	60	Robert O. Briggs	45	Gordon B. Davis
103	Andrew Whinston	59	Jane Webster	45	Matti Rossi
102	Varun Grover	59	Jason B. Thatcher	45	J. Leon Zhao
100	Kalle Lyytinen	58	Soon Ang	45	Ramesh Sharda
96	Leslie Willcocks	58	Lorin M. Hitt	44	Veda C. Storey
96	Zahir Irani	57	Marcello La Rosa	44	Ephraim McLean
91	Viswanath Venkatesh	57	Mikko Siponen	44	Sudha Ram
88	Jan Mendling	56	Albert L. Lederer	44	Hee-Woong Kim
87	Jay F. Nunamaker, Jr	56	Dorothy E. Leidner	44	Murray Jennex
84	EWT Ngai	56	Ann Majchrzak	44	Vijayan Sugumaran
83	Ronald M. Lee	55	Gert-Jan de Vreede	44	Peter Fettke
83	Richard Watson	55	Fred D. Davis	43	Juhani Iivari
83	Detmar Straub	55	Alexander Tuzhilin	43	Eileen M. Trauth
82	Matthew K.O. Lee	54	Henry C. Lucas, Jr.	43	Paul Jen-Hwa Hu
81	Thompson Teo	54	Blake Ives	43	Gurpreet Dhillon
80	Joseph S. Valacich	54	Colette Rolland	43	Allen S. Lee
80	Alan R. Dennis	54	P K. Kannan	43	Sue Brown
80	William R. King	54	Merrill Warkentin	43	Ahmed Abbasi
80	Helmut Krcmar	53	Amrit Tiwana	42	Anitesh Barua
78	Gary Klein	53	BCY Tan	42	Guy Grant Gable
77	Robert J. Kauffman	53	France Belanger	42	Yujong Hwang
77	Sue Newell	53	Rajiv Sabherwal	41	Maryam Alavi
76	Daniel Robey	52	Eric K. Clemons	41	Lorne Olfman
76	Matthias Jarke	52	Richard J. Boland, Jr.	41	Richard O. Mason
76	Jan vom Brocke	52	Ramayya Krishnan	41	Carsten Sorensen
75	Kenneth L. Kraemer	52	Sundeep Sahay	41	Chrisanthi Avgerou
74	Michael Rosemann	52	Peter Weill	40	E. Burton Swanson
74	Wanda Orlikowski	52	Daniel E. O'Leary	40	Balasubramaniam Ramesh
74	Rudy Hirschheim	52	Lina Zhou	40	John C. Henderson
74	Keng Siau	51	Joey F. George	40	Ram Gopal
74	H.R. Rao	51	Michael D. Myers	40	Christian Wagner
73	M. Lynne Markus	51	Alok Gupta	40	Sinan Aral
73	Sirkka Jarvenpaa	51	Rahul Telang	39	Dale L. Goodhue
73	Kevin Crowston	50	David Avison	39	Bin Gu
72	Paul B. Lowry	50	Abraham Seidmann	39	Sid L. Huff
72	Jan Recker	50	Alan R. Hevner	38	Stefan Klein
71	CW Holsapple	49	Suzanne Rivard	38	Jeffrey Parsons
71	Doug Vogel	49	Carol Saunders	38	Jan Pries-Heje
71	Richard Baskerville	49	Stuart Madnick	37	Anne P. Massey
71	Arun Rai	49	Joe Peppard	37	G. Lawrence Sanders
71	Tiago Oliveira	49	Sunil Mithas	37	J.P. Shim
70	Mark Keil	48	Vallabh Sambamurthy	37	Virpi K. Tuunainen
70	Ritu Agarwal	48	Chris F. Kemerer	36	Brent Gallupe
69	Robert Zmud	48	William J. Kettinger	36	Hemant K. Bhargava
69	John Mingers	48	Benn R. Konsynski	36	Stefan Seidel
69	Ee-Peng Lim	48	Elena Karahanna	36	Fred Niederman
69	Jan M. Leimeister	48	Alain Pinsonneault	36	Ulrike Schultze
68	Foster Provost	47	Dennis Galletta	34	Frank Land
67	James J. Jiang	47	Kar Yan Tam	34	Michael J. Earl
67	Daniel D. Zeng	47	Jason Dedrick	34	Jennifer (Jie) Xu
67	Robert M. Davison	47	Ron Weber	34	Sarv Devaraj
66	N. Venkat Venkatraman	47	Tridas Mukhopadhyay	33	Vijay Gurbaxani
66	Jörg Becker	47	James Y.L. Thong	33	Matthew R. Jones
65	Brian Fitzgerald	47	K. D. Joshi	31	Samir Chatterjee
65	Mary C. Lacity	47	Robert (Xin) Luo	31	Mary Culnan
64	Robert D. Galliers	46	Sandra Slaughter	30	Robert W. Blanning
64	Geoff Walsham	46	Upkar Varshney	30	John F. Rockart
64	David Gefen	46	Fiona (Fui-Hoon) Nah		
64	Pekka Abrahamsson	46	John L. King		
63	Patrick (Wei Guo) Fan	46	Steven Alter		
62	Michael J. Shaw	46	Dongsong Zhang		
62	Patrick Y.K. Chau	45	Iris Vessey		