

The h Index for Computer Science

In [this paper](#), [J. E. Hirsch](#), Dept of Physics, UCSD, proposes "the index h, defined as the number of papers with citation number higher or equal to h, as a useful index to characterize the scientific output of a researcher."

Here is a partial list of computer science researchers who each has an h index of 40 or higher according to [Google Scholar](#). Several websites provide easy-to-use interfaces for computing an h index, including [scholar index](#) and [Harzing's publish and perish](#). Send comments, corrections, and new entries to [Jens Palsberg](#) (UCLA). I do maintain the list: mostly, I add people and update numbers upon request and when I happen to notice a high h index. Most of the numbers on this page are the results of counting efforts by the listed people themselves. I have computed some of the numbers myself by comparing output from [Google Scholar](#) with other listings of research papers, such as from personal webpages or [DBLP](#).

- 89 [Hector Garcia-Molina](#) (Stanford), ACM Fellow, Member of the National Academy of Engineering
- 87 [Jeffrey D. Ullman](#) (Stanford), ACM Fellow, Member of the National Academy of Engineering
- 82 [Robert Tarjan](#) (Princeton), Turing Award, ACM Fellow, Member of the National Academy of Engineering
- 80 [Deborah Estrin](#) (UCLA), ACM Fellow, IEEE Fellow, Member of the National Academy of Engineering
- 79 [Christos H. Papadimitriou](#) (Berkeley), ACM Fellow, Member of the National Academy of Engineering
- 77 [Don Towsley](#) (U Mass, Amherst), ACM Fellow, IEEE Fellow
- 73 [Ian Foster](#) (Argonne National Laboratory & U Chicago)
- 71 [Scott Shenker](#) (Berkeley), ACM Fellow, IEEE Fellow
- 70 [David Culler](#) (Berkeley), ACM Fellow, Member of the National Academy of Engineering
- 70 [David Haussler](#) (UC Santa Cruz)
- 69 [Nick Jennings](#) (U Southampton), Fellow of the Royal Academy of Engineering
- 68 [Michael I. Jordan](#) (Berkeley), AAAS Fellow, IEEE Fellow, AAAI fellow
- 68 [Takeo Kanade](#) (CMU), ACM Fellow, IEEE Fellow, Member of the National Academy of Engineering
- 64 [Martin Vetterli](#) (EPFL), IEEE Fellow
- 63 [Marco Dorigo](#) (U Libre de Bruxelles)
- 62 [Alon Halevy \[Alon Levy\]](#) (Google), ACM Fellow
- 61 [Mario Gerla](#) (UCLA), IEEE Fellow
- 58 [Luca Cardelli](#) (Microsoft), ACM Fellow
- 58 [Anil K. Jain](#) (Michigan State U), ACM Fellow, IEEE Fellow
- 58 [Amit Sheth](#) (Wright State U), IEEE Fellow
- 57 [Martin Abadi](#) (UC Santa Cruz and Microsoft), ACM Fellow
- 57 [Sushil Jajodia](#) (George Mason U)
- 57 [Leslie Lamport](#) (Microsoft), Member of the National Academy of Engineering
- 57 [Demetri Terzopoulos](#) (UCLA), ACM Fellow, IEEE Fellow, Member of the European Academy of Sciences
- 56 [David Dill](#) (Stanford), ACM Fellow, IEEE Fellow
- 56 [Randy H. Katz](#) (Berkeley), ACM Fellow, IEEE Fellow, Member of the National Academy of Engineering
- 56 [Steven Salzberg](#) (U Maryland)
- 56 [HongJiang Zhang](#) (Microsoft), ACM Fellow, IEEE Fellow
- 55 [Jennifer Widom](#) (Stanford), ACM Fellow, Member of the National Academy of Engineering
- 54 [Jack Dongarra](#) (U Tennessee), ACM Fellow, IEEE Fellow, Member of the National Academy of Engineering
- 54 [David E. Goldberg](#) (UIUC)
- 54 [Ken Kennedy](#) (Rice), ACM Fellow, IEEE Fellow, Member of the National Academy of Engineering
- 54 [Amir Pnueli](#) (Weizmann and New York University), Turing Award, ACM Fellow, Member of the National Academy of Engineering
- 54 [Herbert A. Simon](#) (CMU), Turing Award, ACM Fellow, Nobel Laureate
- 54 [Philip S. Yu](#) (UIC), ACM Fellow, IEEE Fellow
- 53 [Sally Floyd](#) (ICSI), ACM Fellow
- 53 [Tomaso Poggio](#) (MIT)
- 53 [Eduardo Sontag](#) (Rutgers), IEEE Fellow
- 52 [Rakesh Agrawal](#) (Microsoft), ACM Fellow, IEEE Fellow, Member of the National Academy of Engineering
- 52 [Stanley Osher](#) (UCLA), Member of the National Academy of Sciences
- 51 [Jiawei Han](#) (UIUC), ACM Fellow
- 51 [Richard Karp](#) (Berkeley), Turing Award, ACM Fellow, Member of the National Academy of Engineering
- 51 [Alex Pentland](#) (MIT)
- 50 [Andrew B. Kahng](#) (UCSD)
- 50 [Alberto Sangiovanni-Vincentelli](#) (Berkeley), Member of the National Academy of Engineering
- 50 [Lixia Zhang](#) (UCLA), ACM Fellow
- 49 [Serge Abiteboul](#) (INRIA)
- 49 [Rajeev Alur](#) (U Penn), ACM Fellow
- 49 [Rama Chellappa](#) (U Maryland)
- 49 [W. Bruce Croft](#) (U Mass, Amherst), ACM Fellow

- 49 [Jon Crowcroft](#) (U Cambridge), ACM Fellow, IEEE Fellow
49 [David J. DeWitt](#) (Wisconsin), ACM Fellow, Member of the National Academy of Engineering
49 [Daphne Koller](#) (Stanford), ACM Infosys Foundation Award
49 [Maurizio Lenzerini](#) (Sapienza Universita di Roma)
49 [John McCarthy](#) (Stanford), Turing Award, Member of the National Academy of Engineering
49 [Michael Stonebraker](#) (MIT), ACM Fellow, Member of the National Academy of Engineering
49 [Sebastian Thrun](#) (Stanford)
48 [Michael J. Carey](#) (UC Irvine), ACM Fellow, Member of the National Academy of Engineering
48 [Kai Li](#) (Princeton), ACM Fellow
48 [Mihalis Yannakakis](#) (Columbia), ACM Fellow
47 [Wil van der Aalst](#) (TU Eindhoven)
47 [Leonard Kleinrock](#) (UCLA), ACM Fellow, IEEE Fellow, Member of the National Academy of Engineering
47 [Jim Kurose](#) (U Mass, Amherst), ACM Fellow, IEEE Fellow
47 [Richard Lipton](#) (Georgia Tech), ACM Fellow, Member of the National Academy of Engineering
47 [Judea Pearl](#) (UCLA), IEEE Fellow, Member of the National Academy of Engineering
47 [Ben Shneiderman](#) (U Maryland), ACM Fellow
46 [Norman I. Badler](#) (U Penn)
46 [Hari Balakrishnan](#) (MIT), ACM Fellow
46 [Ronald Fagin](#) (IBM Almaden), ACM Fellow, IEEE Fellow, AAAS Fellow, ACM SIGMOD Edgar F. Codd Innovations Award
46 [David Harel](#) (The Weizmann Institute of Science), ACM Fellow, IEEE Fellow
46 [Geoffrey E. Hinton](#) (Toronto)
46 [Thomas S. Huang](#) (UIUC), IEEE Fellow, Member of the National Academy of Engineering
46 [Gordon Plotkin](#) (U Edinburgh)
46 [Tuomas Sandholm](#) (CMU), ACM Fellow
46 [Douglas C. Schmidt](#) (Vanderbilt University)
46 [John A. Stankovic](#) (U Virginia), ACM Fellow
45 [Olivier Faugeras](#) (INRIA), Member of the French Academy of Sciences
45 [Jose Joaquin Garcia-Luna-Aceves](#) (UC Santa Cruz), ACM Fellow, IEEE Fellow
45 [Jim Gray](#) (Microsoft), Turing Award, ACM Fellow
45 [M. Frans Kaashoek](#) (MIT), ACM Fellow
45 [Carl Kesselman](#) (USC/ISI)
45 [Vipin Kumar](#) (U Minnesota), ACM Fellow, IEEE Fellow
45 [Victor Lesser](#) (U Mass, Amherst), AAAI Fellow
45 [Heikki Mannila](#) (U Helsinki)
45 [Rajeev Motwani](#) (Stanford), ACM Fellow
45 [Prabhakar Raghavan](#) (Yahoo! Research), ACM Fellow, IEEE Fellow
45 [Moshe Y. Vardi](#) (Rice), ACM Fellow, Member of the National Academy of Engineering
44 [Victor Basili](#) (U Maryland), ACM Fellow
44 [Christos Faloutsos](#) (CMU)
44 [Oded Goldreich](#) (Weizmann)
44 [H. V. Jagadish](#) (U Michigan), ACM Fellow
44 [Jeffrey Vitter](#) (Purdue U), ACM Fellow, IEEE Fellow
43 [Mihir Bellare](#) (UCSD)
43 [Michael Franklin](#) (Berkeley), ACM Fellow
43 [Joseph Goguen](#) (UCSD)
43 [Ramesh Govindan](#) (USC)
43 [Simon Peyton Jones](#) (Microsoft), ACM Fellow
43 Won Kim (Sung Kyun Kwan University), ACM Fellow
43 [Barbara Liskov](#) (MIT), ACM Fellow, Member of the National Academy of Engineering
43 [Robin Milner](#) (U Cambridge, UK), Turing Award, ACM Fellow
43 [Vern Paxson](#) (ICSI), ACM Fellow
43 [Krithi Ramamritham](#) (IIT Bombay), ACM Fellow, IEEE Fellow
43 [Ronald L. Rivest](#) (MIT), Turing Award, ACM Fellow, Member of the National Academy of Engineering
42 [Michael Arbib](#) (USC)
42 [Barry Boehm](#) (USC), ACM Fellow
42 [Pat Hanrahan](#) (Stanford), ACM Fellow, Member of the National Academy of Engineering
42 [Thomas A. Henzinger](#) (EPFL), ACM Fellow
42 [Donald E. Knuth](#) (Stanford), Turing Award, ACM Fellow, Member of the National Academy of Engineering
42 [Teuvo Kohonen](#) (Academy of Finland)
42 [Miron Livny](#) (Wisconsin)
42 [Jose Meseguer](#) (UIUC)
42 [Erkki Oja](#) (Helsinki U of Technology)
42 [David A. Patterson](#) (Berkeley), ACM Fellow, IEEE Fellow, Member of the National Academy of Engineering
42 [Micha Sharir](#) (Tel Aviv University), ACM Fellow

- 42 [Andrew S. Tanenbaum](#) (Vrije U, The Netherlands), ACM Fellow, IEEE Fellow
- 42 [Willy Zwaenepoel](#) (EPFL), ACM Fellow, IEEE Fellow
- 41 [Stefano Ceri](#) (Politecnico di Milano)
- 41 [Didier Dubois](#) (CNRS Toulouse)
- 41 [Jon Kleinberg](#) (Cornell)
- 41 [Monica S. Lam](#) (Stanford), ACM Fellow
- 41 [Kim G. Larsen](#) (Aalborg U)
- 41 [Jitendra Malik](#) (Berkeley), ACM Fellow
- 41 [Deborah L. McGuinness](#) (RPI)
- 41 [Raymond Mooney](#) (UT Austin)
- 41 [Alex Nicolau](#) (UC Irvine)
- 41 [Miodrag Potkonjak](#) (UCLA)
- 41 [Thomas W. Reps](#) (U Wisconsin), ACM Fellow
- 41 [Gene Tsudik](#) (UC Irvine)
- 41 [Philip Wadler](#) (U Edinburgh), ACM Fellow
- 40 [Craig Chambers](#) (U Washington)
- 40 [Edmund M. Clarke](#) (CMU), Turing Award, ACM Fellow, IEEE Fellow, Member of the National Academy of Engineering
- 40 [Jason Cong](#) (UCLA), ACM Fellow
- 40 [Ingemar J. Cox](#) (U College London), IEEE Fellow
- 40 [Herbert Edelsbrunner](#) (Duke U)
- 40 [Tim Finin](#) (UMBC)
- 40 [Saul Greenberg](#) (University of Calgary), Member of the ACM CHI Academy
- 40 [Christian S. Jensen](#) (Aalborg U), IEEE Fellow
- 40 [David S. Johnson](#) (AT&T Labs), ACM Fellow
- 40 [George Karypis](#) (U Minnesota)
- 40 [Henry Levy](#) (U Washington), ACM Fellow, IEEE Fellow
- 40 [Nancy Lynch](#) (MIT), ACM Fellow, Member of the National Academy of Engineering
- 40 [Maja Mataric](#) (USC)
- 40 [John Mitchell](#) (Stanford), ACM Fellow
- 40 [Charles E. Perkins](#) (Nokia-Siemens Networks)
- 40 [Raghu Ramakrishnan](#) (Wisconsin), ACM Fellow
- 40 [Ian Witten](#) (U Waikato), ACM Fellow
- 40 [Andrew Zisserman](#) (University of Oxford)