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WHAT'S HOT...

Francis S. Collins: Twenty Years of Citation Blockbusters

The announcement on July 8, 2009, that President Obama had nominated Francis S. Collins to be the director of the National Institutes of Health was greeted by broad acclaim from the scientific community and other quarters. Although Dr. Collins may be best known for his leadership role in the Human Genome Project, his distinguished career as a physician and geneticist goes back considerably farther.

The table below lists 10 highly cited papers, published since 1989, to which Dr. Collins contributed. Prominent are the large, multi-author reports on the human and mouse genomes, as well as earlier papers examining the genetics of cystic fibrosis, Huntington's disease, cancer, and other disorders. For additional biographical details on Dr. Collins and an extensive list of his publications, go to [ISIHighlyCited](#).

Paper	Citations
International Human Genome Sequencing Consortium (E.S. Lander, <i>et al.</i>), "Initial sequencing and analysis of the human genome," <i>Nature</i> , 409(6822): 860-921, 2001.	6,367
J.R. Riordan, <i>et al.</i> , "Identification of the cystic fibrosis gene: Cloning and characterization of complementary DNA," <i>Science</i> , 245(4922): 1066-72, 1989.	3,800
Mouse Genome Sequencing Consortium (R.H. Waterston, <i>et al.</i>), "Initial sequencing and comparative analysis of the mouse genome," <i>Nature</i> , 420(6915): 520-62, 2002.	2,338
M.E. MacDonald, <i>et al.</i> , "A novel gene containing a trinucleotide repeat that is expanded and unstable on Huntington's disease chromosomes," <i>Cell</i> , 72(6): 971-83, 1993.	2,074
J.M. Rommens, <i>et al.</i> , "Identification of the cystic fibrosis gene: Chromosome walking and jumping," <i>Science</i> , 245(4922): 1059-65, 1989.	1,902
International HapMap Consortium, (D. Altshuler, <i>et al.</i>), "A haplotype map of the human genome," <i>Nature</i> , 437(7063): 1299-1320, 2005.	1,707

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K. Savitsky, <i>et al.</i> , "A single ataxia telangiectasia gene with a product similar to PI-3 kinase," <i>Science</i> , 268(5218): 1749-53, 1995.	1,539
International HapMap Consortium (R.A. Gibbs, <i>et al.</i>), "The International HapMap Project," <i>Nature</i> , 426(6968): 789-96, 2003.	1,318
D. Marchuk, <i>et al.</i> , "Construction of T-vectors, a rapid and general system for direct cloning of unmodified PCR products," <i>Nucleic Acids Research</i> , 19(5): 1154, 1991.	1,032
D. Ford, <i>et al.</i> , "Risks of cancer in BRCA-1 mutation carriers," <i>Lancet</i> , 343(8899): 692-5, 1994.	976
SOURCE: Thomson Reuters <i>Web of Knowledge</i> SM	



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